

HEAD OFFICE

Address: 225 Cavalry Grounds,
Street 5, Lahore 54810, Pakistan.

Phone: 92.300.8406312
Email: info@hashe.com
www.hashe.com

COMPANY PROFILE

WE ARE THE SOLUTION PROVIDERS

Web Development, Web Designing
& Search Engine Optimization with
Stunning Results. Connecting creative,
technology and commerce to drive
brands and business growth



Hashe Computer Solutions (Pvt) Ltd.

Client Satisfaction is our **Ultimate** Goal



Hashe Computer Solutions (Pvt) Ltd. is a global technology services and outsourcing company providing you the best cost effective and quality-oriented IT resources with ideal working environment, for your software development and web designing and development needs.

We are proud to be led by extremely focused and dedicated professionals, who are known for their extraordinary skills, experience, and expertise in a wide spectrum of industries. Through our solution partnerships and strategic alliances we continue to expand our horizons in the global market.



Contents

Section 1	Company Introduction	Page 1
Section 2	Mission Statement	Page 3
Section 3	Why Choose Us	Page 5
Section 4	Services	Page 9
Section 5	Skill Matrix	Page 11
Section 6	Software Development	Page 13
Section 7	Web Design & Creative	Page 15
Section 8	Mobile Application Development	Page 17
Section 9	Offshore Staff & Dedicated Outsourcing	Page 19
Section 10	Open Source Customization	Page 23
Section 11	Software Testing	Page 25
Section 12	Remote Linux Administration	Page 27
Section 13	Consultancy	Page 31
Section 14	Search Engine Optimization	Page 33
Section 15	Our Partners	Page 35
Section 16	Testimonials	Page 37
Section 17	Contact Info	Page 39

Company Introduction

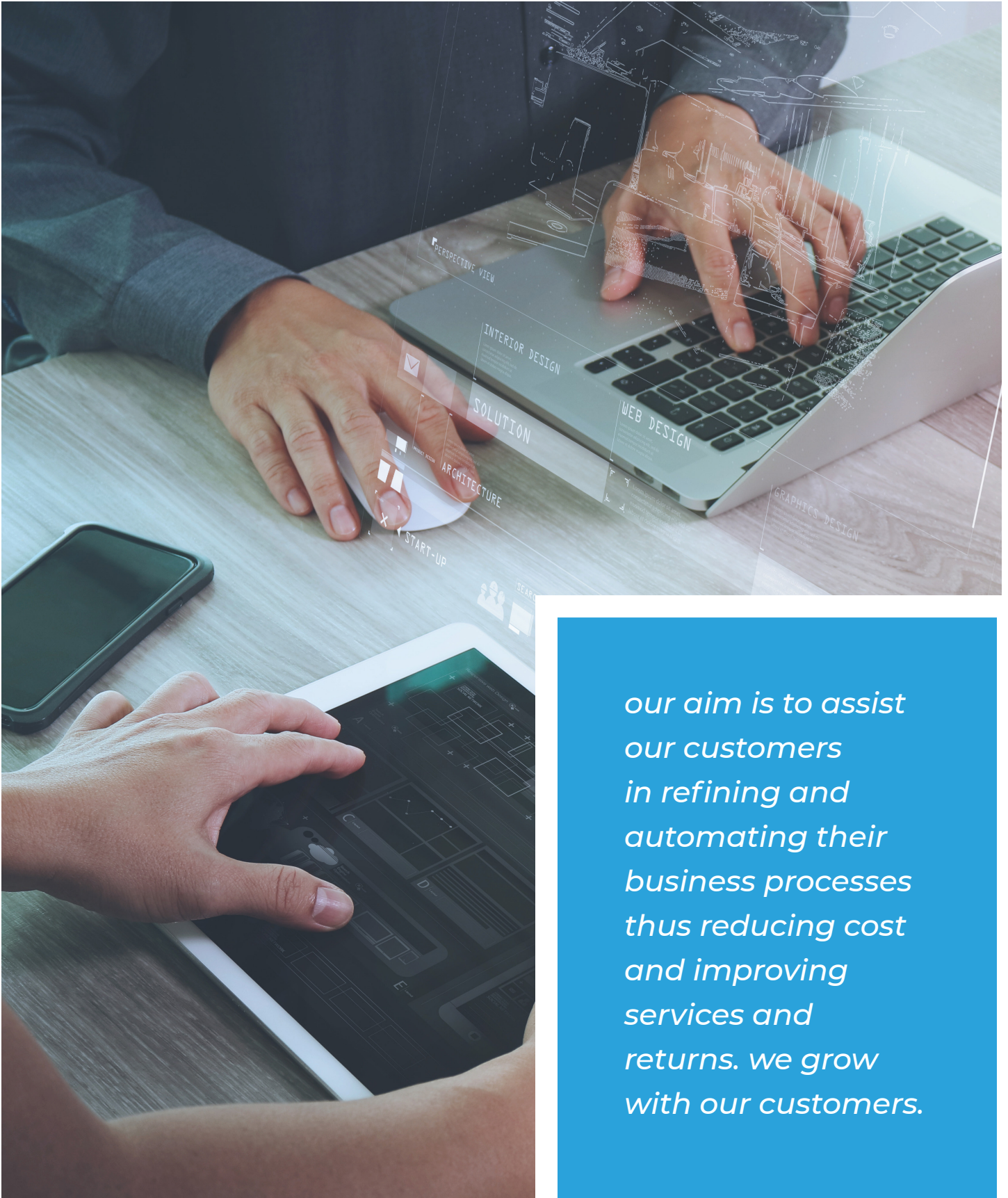
Incepted in 1998, Hashe Computer Solutions (Pvt) Ltd. is a Software Development, Information Technology Services and Consultancy firm providing competitively priced outsourcing services to companies worldwide.

Having a strong local presence in Pakistan, Hashe provides expert analysts and development teams, who translate corporate strategies into creative, robust, and cost-effective systems that leverage a client's unique competitive advantage resulting shorter time-to-market cycles. We also offer complete outsourcing solutions from software

development to after development mission-critical-level support.

Highly skilled intellectual personnel, most having substantial work experience in diverse areas of Information Technology make up the hashe team. Our management ensures that each excels in their specific assigned tasks by working closely with them.

Only those individuals are hired who not only possess strong technical and analytical skills, high intellect, sound work ethics and integrity but also who have confidence, decision-making abilities and above all the drive to excel whether it is at the management level or at a technology/software development position.



*our aim is to assist
our customers
in refining and
automating their
business processes
thus reducing cost
and improving
services and
returns. we grow
with our customers.*

Mission Statement

To achieve total customer satisfaction by providing best quality oriented dedicated technical resources and infrastructure for better software solutions enhancing systems and leading to business success.





Business Core Values

1. INNOVATION

2. DEDICATION

3. COMMITMENT

4. CONFIDENTIALITY

5. CUSTOMER SATISFACTION

6. EXCELLENCE IN CREATIVITY & QUALITY

7. EXCELLENT WORKING ENVIRONMENT

8. LONG TERM COMMITMENTS

Why Choose Us



Intellect & Experience

Highly skilled professionals who possess expertise in diverse Business and Technology areas make up the Hashe team. To provide world-class service, we employ the best technicians, adhere to proven methodology, provide superior client service and become a true business partner in every project.

Our Approach

The design process involves a close working environment between Hashe and your

respective team members. We dedicate a resource for communication for our valued client, so there is no chance of miscommunication. This ensures that the outcome of the project meets the client requirements and expectations. The Project Management process includes scheduled meetings, documentation, milestones and signs off's through all the major design steps and a change control process to review any additional changes that are requested outside the scope of the project.



Our Roadmap to development is a collection of **six steps** each of which has its own significance.

1

**Requirement
Management**

2

**Configuration
Management**

3

**Project
Management**

4

**Change
Management**

5

Testing

6

**Deployment
And Support**

Commitment to Quality

We believe in Quality service and our approach has been designed to provide the same. We listen carefully to our clients and provide space, time and materials according to the agreement for the project. We are proud of our Technical and Creative capability and this emerges from taking time to get it right.

On-Time Delivery

We invest the time up-front to clearly understand your needs and then manage projects to ensure they are delivered on time and within budget. This methodology expedites rapid successful implementation, limits uncertainty and keeps the customer always aware of development progress at our end.





Competitive Pricing

We render services to our clients at a very competitive price and depending on the type of client engagement we offer them the most suitable pricing model structure which could either be Fixed Price based or Time and Effort based.

Track Record

We have handled small – large scale projects and have over the years implemented solutions for numerous organizations of all sizes. Our growing list of satisfied customers' not only act as our excellent references but are also a source of our repeat business.

Services

Hashe provides expert analysts and development teams, who translate corporate strategies into creative, robust, and cost-effective systems that leverage a client's unique competitive advantage resulting in shorter time-to-market cycles.

- **Information Technology**

- Software Development Services
- Web Development Services
- Open Source Customization
- Mobile Application Development
- Custom Enterprise Solutions
- Technology Integration Services
- Consultancy Services
- Offshore Staffing & Outsourcing
- Software Testing
- Remote Linux Administration Services





- **Creative, Design**

- Logo Design

- Stationery Design

- Web Design

- Internet Advertising

- Print Media Design

- **Search Engine Optimization**

- **Social Media Services**

- **Offshore Outsourcing**

- **Domains**

- Project-based

- Product development

- Resource outsourcing

- Managed IT

- **Engagement Models**

- Dedicated Offshore Team Model

- Time & Material Model

- Fixed Price Model

Skill Matrix

WEB	<ul style="list-style-type: none"> Custom Web Design & Development Web Apps E-Commerce Solution & Storefronts Enterprise Portal Development Application Maintenance
MOBILE	<ul style="list-style-type: none"> iPhone Development Android Development Hybrid App Xamarin Application
ENTERPRISE	<ul style="list-style-type: none"> Custom Enterprise Solutions
SOFTWARE	<ul style="list-style-type: none"> Software Development Software Migration & Re engineering Software Testing

Skill Matrix

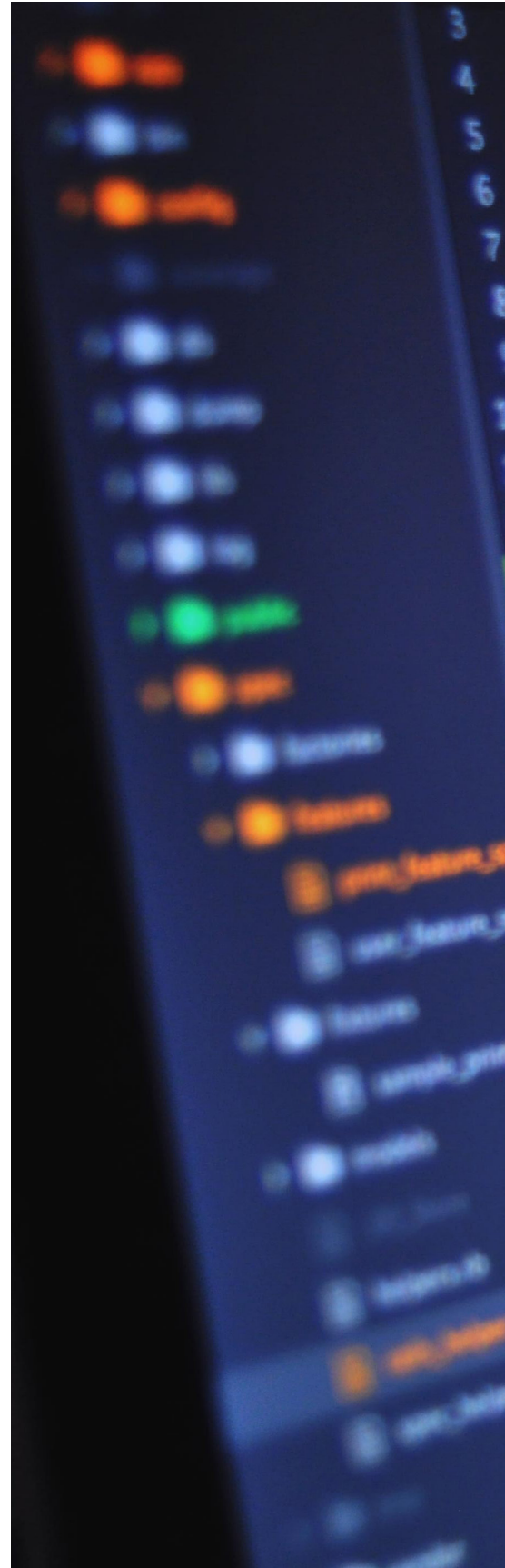
<ul style="list-style-type: none"> Social space setup Weekly / Monthly reporting Social content creation Social content visual design Sales oriented posting Integration with corporate websites Integration with ecommerce websites Blog setups 	SOCIAL MEDIA SERVICES
<ul style="list-style-type: none"> Logo Design Stationary Design Web Design Internet Advertising Print Media Design Mobile App Design 	CREATIVE
IT Management & Consulting	CONSULTING
<ul style="list-style-type: none"> Custom Built CMS Solutions Open Source CMS Implementation 	CONTENT MANAGEMENT

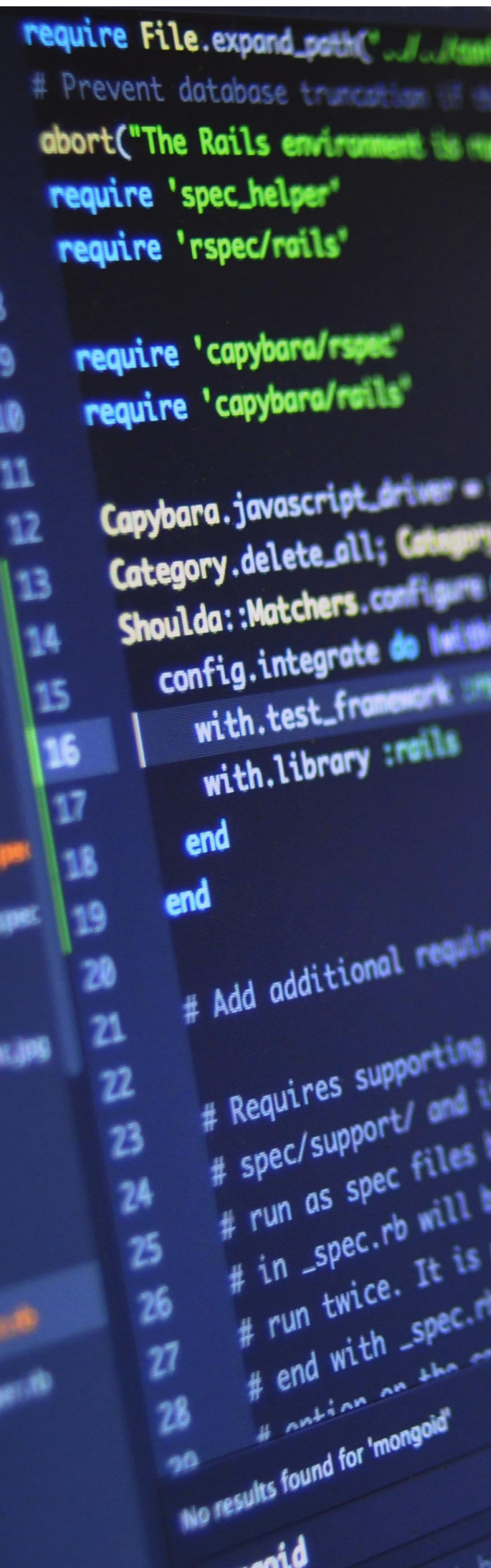
Software Development

Hashe's team possess extensive experience of designing, developing and deploying n-tier-based applications which meet client's requirements and promise a quick return on investment. Our services are flexible and serve any small to medium-sized business.

We can employee our team to develop custom software to meet your IT related demands in areas ranging from website design and development to business process automation. We have highly experienced individuals who have expertise in all modern tools and technologies and can produce robust and reliable solutions within deadlines.

Our technical expertise, proven methodologies, and program management guidelines allow us to efficiently steer application development projects throughout the various stages of the development lifecycle.





System Analysis & Design

We can employ our system analysts to work with primary stakeholders and sketch application requirements and can propose a software meeting the requirements of IT implementation. They can also perform GAP analysis while considering any existing implementation or off-the-shelf solutions which can potentially assist in IT implementation.

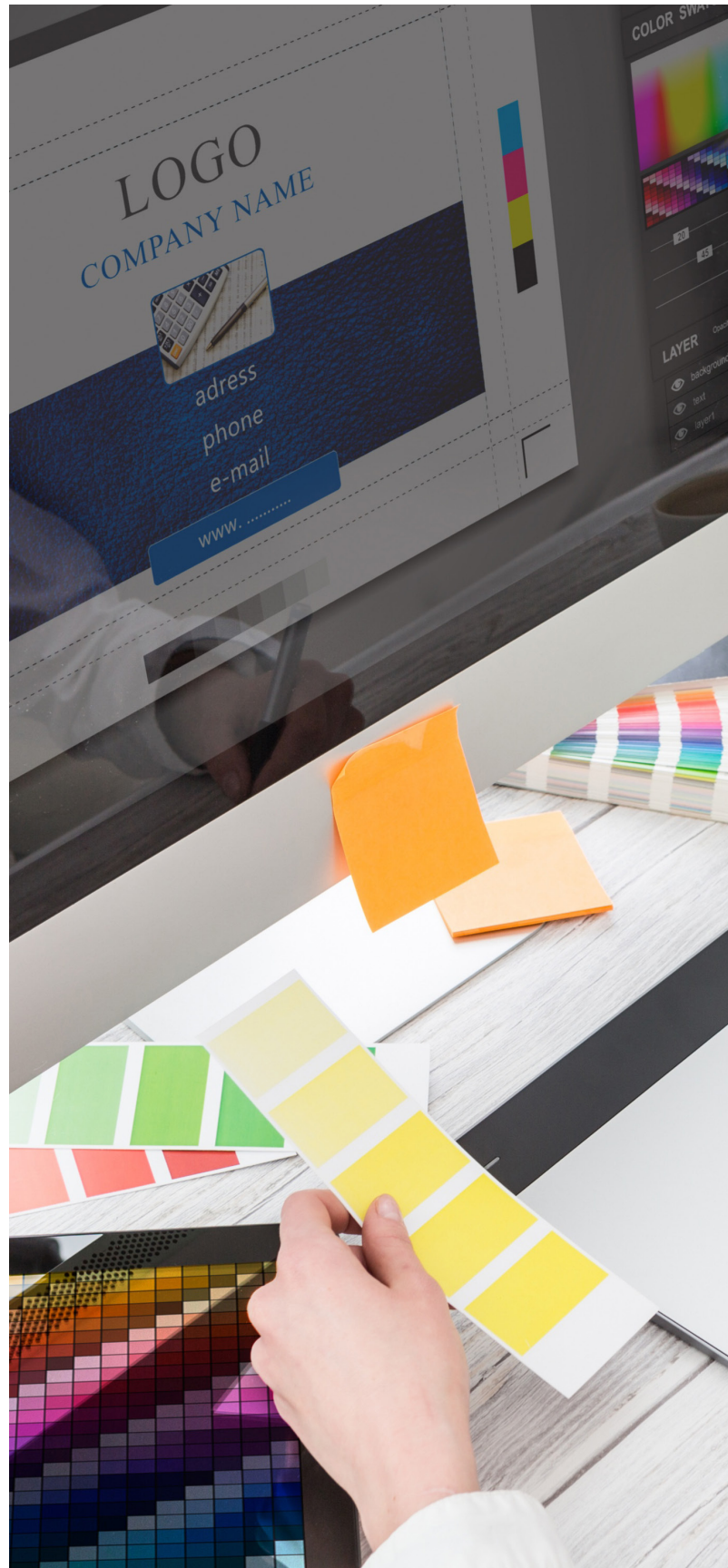
Application Architecture Design

We can employ our application architects to understand the functional and non-functional requirements of software and realize it in terms of design documents, code libraries or stubs. Our architects are well versed with best practices in related technology areas and can design secure, scalable and robust application architectures meeting tomorrow's needs. Beside designing application architectures, our architects can assist development teams in identifying and selecting the basic application framework while keeping in mind the design goals of the system.

We also offer application architecture, security and code audit.

Web Design & Creative

Hashe's creative team experiences in delivering visually stunning design experiences. Our aim is to boost your marketing efforts through stunning design. A good product design always plays a vital role in consumer's buying psychology.





Our experience ranges from the development of human-computer interface development to print media. Whether it's a complete re-branding package you require or website maintenance, our services can be adapted to suit your needs. We offer services for the following:

- Website Design and Development
- Web 2.0, W3C compliant, Search Engine riendly
- Flash Animation / 3D Animation
- Corporate Identity
- Print-Based Design
- Illustrations
- Print Brochures

With our teams creative and technical abilities, we can provide the most up to date and professional services that your business needs.

Mobile Application Development

It is crystal clear that the demand for mobile apps has escalated in all businesses.

To cope with that, we become your accelerator to design and develop brilliant mobile applications. Hashe is a top-notch mobile app development company offering mobile application development services for iPhone, iPad and Android.

Our team of mobile app developers is creative and knowledgeable to accomplish your individual demands as well as your business needs. With advanced tools and technology, our mobile apps developers can create highly customized mobile applications for consumer needs and enterprises. Our experience and past work are the showcases of our brilliance in mobile applications development.

Why Do You Choose Us?

- Experienced Personnel
- Profound knowledge of frameworks and mobile technologies.
- A high-quality app development process
- Time bound delivery and cost-effective services
- Reputed and Recognized for developing robust mobile apps
- Provide dynamic services to various platforms

iPhone App Development

With the advent of iOS technological advancements, we build elegant and engaging iPhone applications that will not only make your business lucrative but also performance oriented. Our professional iPhone application developers always design and develop user-friendly and easy-to-use mobile apps.



iPad App Development

With a view to make your iPad apps high-yielding, our experts deliver the superior quality of applications. We will make your iPad apps idea tops the chart by executing it accordingly. We exhibit our tenacity by making completely bug-free iPad apps.



Android App Development

Be it social media, restaurants, health care, sports, education sector, etc., we design and develop every type of Android Apps for smartphones and tablets. Our Android developers are passionate and professional in crafting the highest quality mobile application for you.

Offshore Staff & Dedicated Outsourcing

We can act as your IT wing

In this model of outsourcing, we act as client's IT wing. We engage our analysts with the client to identify the need for IT systems in their business processes. During this process of need-identification, we can also assist the client in optimizing business processes, however, if required, this can be performed as a separate activity as well. After the identification of IT systems required to run the business processes smoothly, we conduct research to find the most optimized systems. If an out-of-the-box solution is selected, we also perform GAP analysis to identify the gaps and make sure that it is assisting rather than creating issues. If a need arises, we can use our in-

house development teams to build custom software. This way we assist our clients in keeping their business run smoothly and make staff more productive. If required, we also provide software training to the employees so that business processes can be executed with any problems.

This model is suitable for companies in non-IT related businesses and wants to streamline their process, decrease their service time, decrease expenses and make their performance efficient exponentially.

Hashe offers multiple flexible outsourcing models focusing immediate financial benefit's while strictly focusing on on-time quality delivery of artefacts.

Offshore Development Team

In this model of outsourcing, we construct a pool of highly skilled developers based on tool/technology requirements. Since our team includes resources of different skill sets and skill levels, building a hierarchical or a flat team is possible. All resources are billed as per use.

This model is suitable for product development and companies who require constant changes in their software systems. This assists in maintaining a loyal team of developers who totally understand the business requirements and prove out to be an asset in long term scenarios.

We have implemented a time tracking software which can help to create transparency in achieving “pay for what you use”. Beside this, our managers prepare weekly task sheets containing the tasks completed by each developer during the week.

If required, we can use our Project Managers to monitor the progress of the projects. They can assist clients in preparing requirement documents, WBS, effort estimation, cost estimations and project planning. Performing tracking, oversight, risk management and activity report preparation is part of our development life cycles.



Offshore Project Management

Our Project Managers can assist in managing remote projects. We have experienced project managers available in our pool who have experience of working with tier one companies of Pakistani Software Industry. They have full knowledge of CMM oriented process management and well trained as per PMP curriculum.

They work with primary stakeholders and create WBS documents, traceability matrix, project plans, cost estimations, risk identification and management. They can also work for remote development teams and perform tracking, oversight, risk management and prepare activity reports.



Offshore Quality Assurance Staff

In this model of outsourcing, we can engage our quality assurance staff. They can develop test cases using Requirement Specification and Functional Specification documents and can perform end-to-end application testing. Using our development team, we can also build unit test cases using popular frameworks like NUnit and JUnit. Testing may include:

- Test case execution
- Verification of requirements
- UI testing
- Security testing/audit
- Stress testing
- Benchmarking using different hardware/software configurations

Our QA staff comprises of experienced resources who have worked with tier-one software houses of Pakistan and are creative and possess vast experience of application testing. They use tools such as Test Director, WinRunner, LoadRunner and Acunetix Web Vulnerability Scanner to optimize the process of testing.

Open Source Customization

Open source applications are a better way to implement solutions within a short span of time, however, open source solutions might not be well suited to each business need. Our team at Hashe can help in open source customization of different products to suit your needs by creating/designing templates, adding custom modules or changing the core functionality in the product.

We help you by identifying, customizing

and implementing the right open source product/tool for your requirement, considering the number of options that are available in the world of open source.

Our strength lies in extending Open Source Customization services on various products to suit our client's requirement. Below is a list of few tools which we have implemented or customized.

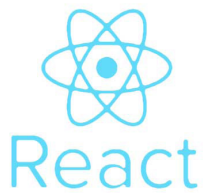
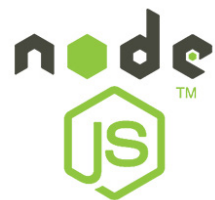
We have experience in customizing following open source systems.

- DotNetNuke
- YetAnotherForum
- BugTracker.NET
- Lucene.Net
- My Community Portal
- NetBPM
- PHP Code Ignitor
- CakePHP
- Joomla
- WordPress
- Drupal
- Zen Cart
- osCommerce
- PHPBB









Software Testing

Our QA staff includes experienced resources who have worked with tier-one software houses of Pakistan and are creative and possess vast experience of application testing.

We can employee our quality assurance team to understand the application requirements and to create test cases. They can also execute these test cases and can assist in-house/remote development teams in identifying bugs. Our testing team also possess experience of using automated testing tools and can work closely with remote/in-house development teams to stress test/benchmark and application on multiple platforms.





Our testing services may include

- Test case execution against application builds
- Verification of requirements
- UI testing
- Security testing/audit
- Stress testing
- Benchmarking using different hardware/software configurations

Remote Linux Administration

Linux being adopted successfully by thousands of companies have a need for Linux Server administration but cannot justify the high cost of a full-time Linux System Administrator.

To ensure maximum uptime, you must proactively monitor your systems around the clock to detect any anomalies that might indicate an imminent problem. You also must do routine upgrades, system tweaking and maintenance. Not every company has the luxury of IT staff they can dedicate to these tasks. And those that do would prefer their IT professionals doing more productive work like application development.

The owners of small to medium enterprises must pay heavy charges to the Server administrator for jobs like installing, upgrading any application/package. Unavailability of such administrator, when required, is a common scenario.





Hashe helps you overcome these problems. You only pay for the service you avail.

Server administration does not have to be done on the spot, an online connection to the server is enough for administrative jobs to be done.

Our remote Linux Remote server administration service plans offer a cost-effective alternative to a Linux System Administrator. Hashe provides comprehensive monitoring and administration service that can save your money, increase your efficiency, and most important, keep your systems humming along. Because we utilize sophisticated monitoring techniques, Hashe can offer world-class remote Linux System Administrator support at affordable prices.

Hashe's remote Linux Remote server administration service plans include the Remote Server's Installations of packages, Enhancing the performance of the running servers by fine-tuning the running services and software applications. Deployment of Java environments, Mailing servers, Web Servers, Web Administration Interface installations, Automation of redundant periodic tasks.

Installation, configuration and implementation of Linux Remote server administration tools

- Installation of Webmin Panel and administration through it.
- Implementation Web Hosting Control Panel and its administration.
- AdminPro
- Installation of Linuxconf and many Command-line utilities for SSH based administration.

Linux remote server administration services

- Remote installation, Configuration and maintenance of Databases like MySQL, PostgreSQL, IBM DB/2 on Linux.
- Remote installation, Configuration and maintenance of Mail servers like Sendmail, Qmail, Squirrel Mail
- Remote installation, Configuration and maintenance of Web servers like Apache with/without SSL with DSO or static Modules, Samba, Tomcat, JWS for Servlets and JSP with its integration with Apache.

- Remote installation, Configuration and maintenance of Fileservers like Samba, NFS, FTP LDAP: OpenLDAP
- Remote installation, Configuration and maintenance of Proxy Servers like Squid
- Radius
- DNS
- DHCP Server and Client
- File Transfer Protocol (FTP) Server
- Network File System (NFS) Server
- PPP Configuration
- RAID Configuration
- Network Interface Card (NIC) Configuration
- Lightweight Directory Access Protocol (LDAP) Server



Remote installation, Configuration and maintenance of Firewall solutions on top of Open Source Operating Systems (as a proxy server for HTTP, mail, ftp...), Firewall-IP chains

Consultancy

Hashe's team of experienced project managers and system architects can assist any organization in following areas.

- **Application Audit / Reviews**
.....
- **Software Process Reengineering**
.....
- **Business Process Improvement**
.....
- **Project Management**
.....
- **Tool / Technology Migration**
.....

Hashe can provide a broad range of IT consultancy services as part of an end to end solution.





Search Engine Optimization



Hashe's understanding of search engine marketing, including pay per click, sponsored search, local advertisement, site submissions and listings coupled with our deep command of natural and organic

search engine optimization allows us to help our customers achieve faster results on the internet. Several of our clients are optimized on Google, Yahoo, MSN, and other search engines.

We are offering the following services: Keywords Analysis and Keywords Research

- Web site analysis or Competitor Analysis
- On-Page and Off-Page Optimization
- Reciprocal Link building and Malignance
- Directory Submission & Search Engine Submission
- Search Engine Optimization Consulting Services and Market Research
- Pay Per Click (PPC) Management Services
- Optimized Press Release Services



Content Writing / SEO Copywriting Services We provide a monthly service that includes continual monitoring of your site and providing you with a monthly report showing your current positioning within the major search engines for all the phrases identified and being worked on. We will also analyze and make changes to your site, should they be required, ensure your site maintains its top positioning.

We also helped in optimizing already developed web portals and during development consultancy.

Our Partners



WEBDESIGN & SEO
Boston



Testimonials

“

I needed some design work done in a hurry, Hashe provided the work quickly and to a very high standard. I would highly recommend his services.

Iain Cox

Hashe is one of the best I have ever worked with. Hashe doesn't know the meaning of the word "No" when it comes to web work. He also is very prompt with his work, always hits his deadlines (usually ahead of time) and is great with communicating with the client. I would highly recommend Hashe to anyone and continue to work with him to this day.

”

Ryan Pullano



Contact Info

Head Office

Lahore, Pakistan

Address: 225 Cavalry Grounds,
Street 5, Lahore 54810, Pakistan.

Mamoon Rashid

Phone: 92.300.8406312

Director & CEO

Email: info@hashe.com



Regional Offices

BOSTON, USA
Mr. Roger Peterson

37 Mills Terrace,
Nahant MA 01908

1-781-706-8128
info.boston@hashe.com

CHICAGO, USA
Mr. Glenn Robertson

954 W Washington Blvd.,
Chicago, IL 60607

1-312-262-1614
info.chicago@hashe.com

INDIANAPOLIS, USA
Mr. James George

7518 East 39th Street,
Indianapolis, IN 46226

1-317-572-8765
info.indianapolis@hashe.com

SAN DIEGO, USA
Mr. Dennis Wallace

4572 Delaware Street,
San Diego, CA 92116

1-619-933-4572
info.sandiego@hashe.com

WASHINGTON DC, USA
Mr. Brian Loebig

3820 Woodridge Ave.
Kensington, MD 20902

1-301-244-8324
info.washington@hashe.com

MIDLANDS, UK
Mr. Andrew Clarke

1st Floor, 1 Southmead Drive,
Bromsgrove, B60 1JF Worcestershire

07834 188918
info.uk@hashe.com

THANK YOU

For your precious time
and your attention

225 Cavalry Grounds, Street 5, Lahore 54810, Pakistan.

+92-300-8406312 / hashe.com / info@hashe.com