

# Abhijeet Shekhar

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## Profile:

### Goal oriented with ability to handle multiple tasks

Results-oriented a lead web professional with focusing on delivering high-quality code and products in high traffic environments. Enthusiastic about the designing and developing the web enabled project. Proven leadership ability; capable of keeping a team focused on day-to-day tasks and long-term deadlines.

9+ years of experience in the Internet industry, specialized in LAMP technologies or other Web technology applications. Experienced in all points of application development processes, including architecture, solutions of problem; database design, user interface, e-commerce, security, web services, server administration, and quality assurance.

## Summary:

- Being able to get away easily at any level in the organization, feel confident in dealing with situations at hand and can turn around things that are 'worst' to 'best'.
- Ambitious, highly motivated and ability to face the challenging work environment and deliver quality output while meeting deadlines.
- Goal oriented with ability to handle multiple tasks.
- Extensive knowledge of programming procedures and programming languages
- In-depth knowledge of implementing and troubleshooting programming modifications and changes
- Ability to learn and support new applications and systems
- Possess excellent problem solving and analytical skills
- Ability to build and maintain good relationships with vendors/team.
- Excellent command over oral and written communications

## Personal Details:

**Father's Name** : Gopal Kumar  
**Date of Birth** 24 Feb 1985  
**Gender** Male  
**Marital Status** Married  
**Nationality** Indian  
**Passport** : Yes

## Major Technical Skills

PHP, MySQL, Apache, Linux, HTML5, JavaScript, CSS3, Web application, JQuery, AngularJS, REST, .Net, shell scripting, monitoring tools, CRM, SEO, web analytics, ERP, MIS, Java, Wordpress, Drupal, Python

## Specialties:-

- Requirement Definition & Use Case Definition
- Solution & Services Architecture
- Code Development & Review
- Web & Mobile Development
- Cloud Computing
- Integration, Deployment and Configuration management

## Detailed Skill Set:

S.NO	Technologies	Skills
1	Web Technologies	PHP, Python, .Net, Perl, Java, Node.js
2	Web Server	IIS5, Apache2, Nginx, Tomcat
3	Cache	Memcache, Redis
4	Database	Mysql, MS ACCESS, MS SQL SERVER, MongoDB
5	Operating system	Linux, Windows
6	Reporting	Crystal Reports, Business Objects, Dashboards, MS-Excel
7	Data Modeling Tools	MS Access, SQL Server,
8	CMS	Wordpress, Drupal
9	Frameworks	YII (PHP), Kohana (PHP), Zend (PHP), .Net, Cake (PHP), Django (Python)
10	Language	PHP, C++, Java, Python, Perl
11	Project Management	Scrum, SDLC, Agile methodology, Redmine, Rally
12	Additional	MIS, ERP
13	Scripting	Shell script, VB script, Javascript, JQuery, Angular.js, Require.js
14	Authentication	OAuth, Basic, Digest, SSO
15	Tools	Nagios, SVN, putty, WinSCP, source tree, beyond compare, Navicat
16	SEO	Google
17	IDEs	Visual studio, Eclipse, Zend, SAP Hana Studio
18	E-Commerce app	Open cart, Magento

19	Cloud Computing & Platform	Amazon, Microsoft Azure
20	Webservice	REST, SOAP
21	Media Server	WOWZA 3, Window Media Server, Shoutcast, IceCast
22	Source Code Management	GIT, SVN

### Skill Set used for SAP Assignment:

1. SAP HANA DB, Created HANA modeling scenarios and activities such as creating schemas and content models, attributes and measures, hierarchies etc.
2. SAP HANA Studio (IDE) basic Hands on

### Professional Experience

#### Technical lead

Dec-2014 to present

**Tabtor, Bangalore, India**

Conceptualize and designing for the complex product development.

Development of the architectural, design artifacts, solutions to product requirements.

Technical leadership for the design, development, testing, implementation effort.

Assess and manage functional and non-functional requirements and ensure that they are addressed with the technical solution.

Evaluate technology

Mentoring and guiding colleagues in the progression and development of their technical skills.

#### Lead Engineer

July 2011 -Dec-2014

**Above Solutions Inc, Bangalore, India [www.above-inc.com]**

- Develop and maintain current and plan for architecture of new/existing project.

- Assist to Project Manager for helping to different operational activity and defining project road map and suggestion to resource allocation.
- Ensuring team purpose, goals, deliverables, documented and aligned.
- Drive effort to address issues proactively and follow-up to internal/external team.
- Own the communication of internal team and external team.
- Delegation and prioritization of work among team across the project.
- Monitoring to team for day to day activity and escalates whenever it requires.
- Drive daily scrum meeting and do regular meeting of new work flow/existing of sprint across the project.
- Establish and facilitate the process of periodic team health checks and introduces new/update the existing process whenever it requires.
- Innovation needs to bring in process for maximizing the resource very well.
- Actively involves in the code review process of the team.
- Guiding and giving directions to the team.
- Prepare learning plan to each individual team and provide presentation on new topic. Mentoring to internal/external team for adding value and more collaboration environment.
- Involves in the code review process and update daily build.
- Suggest to technology update to team.

## Project #1

Title	Hulacopter App
Client	Hulacopter, Hawaii
Skills Used	Python-Django, JQuery mobile ,Post Gre and Linux, Piston API
Team Size	2
Role	Developer, Architecture Design

## Project Description

Hulacopter provides dynamic deal to quickly sell your perishable inventory and connect with vacationers by pushing last-minute promotions directly to their smartphones in real-time. Offer a deal to fill those last few seats on tomorrow's tour. Create offers today that reflect your current bookings. Market your business in real-time. Leverage our online marketing partners.

Hulacopter is a fun new way to find exciting activities, fun things to do, and great deals while on vacation. It puts a guide book, a travel agent, a local friend, and a direct line to merchants' deals all in the palm of your hand.

- The app has been designed for the mobile client and it works the cross platform for any mobile handset.
- This platform has built on SOA architecture in the Python, Post gre database and deployed in apache.
- Input forms & Validation
- Reports
- User Authentication & Authorization
- Google maps for the merchant address.
- Email integration and registration report.
- There is a django-python based admin panel where data can be added, edited, deleted and viewed

## Responsibilities:

- Analyze the requirement, code development, architecture design and involved in deployment of the developing application.
- Understanding of the code flow and doing the necessary code change if it requires any.

- Handling development (enhancement and bug fix), scalability, unit testing, code review and kick off meetings with customers.
- Handling requirement analysis and technical queries with team members.
- Given sudden solution for critical issue and guided the team members at the time of critical supports.
- Conducting weekly meeting for the knowledge transfer for cross modules knowledge and technical queries.
- Solved legacy issue in the base code which increased the quality of the product

## Project #2

Title	Silatech Web Portal
Client	Silatech, Qatar
Skills Used	PHP, MYSQL, HTML,CSS, JQuery, Java, JSP, Servlet, CAS, Mantis, OrangeHRM, Tomcat, Apache
Team Size	5
Role	Developer

## Project Description

- Silatech project is a HR management platform. In this application, the orangeHRM has been used for HR management of the web application, Mantis has used for online bug tracker, OAS and front end has been designed in the JSP & servlet and also used in PHP as core engine.
- It allows organizations to automate many aspects of human resource management, with the dual benefits of reducing the workload of the HR department as well as increasing the efficiency of the department by standardizing HR processes. This module makes sure that every employee in the organization is handled effectively and efficiently as per the policies and processes of the organization, set by the Human Resource department.
- Delivered efforts on the designing application, maintenance, developing customer satisfaction is often important to company success and relationship building.
- SSO/CAS login system is used for the logging into central system and the logout can be exited from the system at a time.
- The International language option is there to change the language setting. This website is provided to view in the Arabic & English language.

## Responsibilities:

- Involved in the code development, review and UAT.
- Module Ownership for technical development & Integration

## Project #3

Title	Explocity.com
Client	Explocity
Skills Used	Wordpress, PHP, MYSQL, HTML, CSS, Linux, Amazon, Mailchamp, SEO
Team Size	4
Role	Lead Developer, Solution & Application Architecture, Release Manager

## Project Description:

Explocity.com covers New York, Dubai and six leading metros in India including Bangalore, Delhi, Mumbai, Chennai, Hyderabad and Kolkata. Explocity.com is the best city guide you can find. Pick a city to get the latest information on daily events, the latest movies that are now playing, and information listings of city maps, city hotels, restaurants, shops, pubs, bars, nightclubs, spas, health clubs, discos, city business establishments and a ton of information on city sights and attractions, museums, entertainment venues and city tours. Explocity.com offers a complete visitor guide to the city for those planning a trip.

- Administered Apache web servers and MySQL databases.
- Customized Wordpress application as per the requirement, created plugins, added admin functionality to remove operational activities and provided role based access level.
- Enabled cache and APC to improve the performance.
- Pre Design Analysis Detail designing post analysis (Table designing and PL/SQL code).
- Managing, guiding and supporting team for day today project activities.
- Monitoring the performance of developed modules in and out of whole project.
- Performance tuning for the current project as Individual contributor.

#### Responsibilities:

- Analyze the requirement, architecture design, code development, plugins and theme development.
- Planning and estimating the deadlines for the team and planning the work in a timely fashion.
- Handled requirement analysis with client and convert the business into technical requirement to complete end to end work flow of the business work flow.
- Acted as a primary support for the project and handled technical queries from team members to senior management/client.
- Release & Deploy of the application in the server.

#### Project #4

Title	radiowalla.in
Client	Radiowalla Network Pvt. Ltd.
Major Skills Used	Yii framework, Restler, Zend, PHP, MYSQL, HTML, Linux, Amazon, Windows Azure, Mailchamp, Paypal, E-commerce, CCAvenue, SMS gateway integration, Apache Solr, Memcache, APC, Amazon Cloud S3 integration, Nagios, OpenCart, Magento, Android, iOS, MongoDB, Redis, Node.js etc
Team Size	5
Role	Lead Developer, Designing, Architecture, Release Manager

#### Project description:

Radiowalla is online radio solution platform which is available on Web, Facebook, Android, iOS and Blackberry. User can sign-up and sign-in by using FB, Gmail and Mobile and can listen freely of few of the channels and can subscribe these channels for monthly, six monthly and yearly and do transaction by using Paypal and CCAvenue payment gateways.

- To build a robust platform based on the multitier architecture, built in Yii framework of PHP.
- Designing a custom framework for REST-style architecture. A resource can be essentially any coherent and meaningful concept that may be addressed. A representation of a resource is typically a document that captures the current or intended state of a resource.
- This framework gives flexibility to design API and it can be exposed in the different response format like as JSON, XML, and YAML. Memcached is used for the data caching and also configured PHP APC to improve the performance of the code execution and exposed API is used for the third party integration app like as mobile , widget ,web etc
- Icecast has used for the streaming by using HTTP protocol, runs on multicast approach and highly scalable and added an authentication module for the token verification of each channel.
- Sign up and Sign in by Facebook, Twitter, Gmail and Mobile.

- Apache Solr installation, configuration and added custom search functionality for the radiowalla on-demand data.
- Live music & Live Talk show
- Facebook and twitter share integration.
- Embedded radiowalla player in the Facebook app to get maximum user signup into the platform.
- EPG FTP Folder update on channel master playlist on the daily basis.
- Write monitoring plug-in and installed and configured web dashboard of Nagios to monitor the platform and content server.
- Setting up the different reports which have been sent by email to respective recipient by using cronjobs.
- Installation of SSL certification and configure sub domain in DNS and apache.
- Refactored JS & CSS across the entire site improving page render speed by 30%.
- Wrote web pages and templates using W3C web standards (XHTML and CSS).
- Improved search rankings for web sites using semantic XHTML and link campaigns.
- Module design for subscription & payment gateway integration.
- AYN app has designed for uploading user's recorded voice from mobile app to web app for moderation process, after successful voice of the user can be seen in the global list and can be liked and favorite by communities.

#### Responsibilities:

- Requirement, architecture design, code development. Architecture designs (application and DB design), put the right design pattern and write algorithms to improve the performance of the developing business logic in the application.
- Planning and estimating the deadlines for the team and planning the work in a timely fashion.
- Worked in requirement, development and involved in deploy the application and kick off meetings with customers.
- Handled requirement analysis with client and convert the business into technical requirement to complete end to end work flow.
- Delegation and prioritization of work among team.
- Acted as a primary support for the project and handled technical queries from team members.
- To set up and configure the production machine and installed required application.
- Release & Deploy of developed application in the server.
- Written Unit Test and UAT for the enhancements.

#### Project #5

Title	Graphic India Comic Platform
Client	Graphic India Pte. Ltd., Singapore
Skills Used	Yii framework, PHP, MYSQL, HTML, Linux, Amazon, In App payment, E-commerce, SMS gateway integration, email integration, Apache Solr, S3 integration, Android, iOS
Team Size	7
Role	Lead Developer, Architecture, Release & Deployment Manager

#### Project Description:

Graphic India is a comic platform to visualize a wonderful comic experience in mobile app, provides contents of comic in the form of images and video and complete platform has been built in SOA architecture in LAMP stack through exposed API to the mobile app such as Windows and Android (Mobile+Tablet). All contents are stored in the Youtube and S3 of Amazon to streaming the video of comic in the app. There is an admin panel for maintaining all contents and control over the mobile app functionality; generating different reports.

#### Responsibilities:

- Analyze the requirement, architecture design, and code development and involved in deployment of the developing application.
- Handled requirement analysis with client and convert the business into technical requirement to complete end to end work flow of the business work flow.
- Acted as a primary support for the project and handled technical queries from team members.
- To set up and configure the production machine and installed required application and deploy apps

#### Project #6

Title	Weightlessproject.org
Client	Weightlessproject
Skills Used	Kohana framework (PHP), MYSQL, HTML, Linux, Amazon, Paypal, E-commerce, email integration, S3 integration, Oauth 2.0, Load balancer EBS, RDS database, Cache
Team Size	4
Role	Lead Developer, Architecture, Release & Deployment Manager

#### Project description:

This project works for capturing user calories data of different devices in the platform and accumulates this contribution to amount (For example: 1000 calories to \$1) and donates to social organization and user can pledge directly.

- o User sign up and sign-in
- o Add/Remove device (fitbit, Jawbone, Get Active) by using Oauth and set as your device preference.
- o Dashboard to see the contribution by graph for daily, weekly and monthly.
- o Top calorie contributor and user can pledge/donate directly.

#### Responsibilities:

- Requirement, architecture design, DB design, code development.
- Handled requirement analysis with client and convert the business requirement to technical requirement to complete end to end work flow.
- Identified strategies for scaling applications based on hardware needs, caching schemes, database expansion and optimization, and application tuning.
- Release & Deploy of developed application in the server.

#### Project #7

Title	Chopra Ondemand
Client	Chopra Foundation
Skills Used	PHP, MYSQL, HTML5, CSS3, Angular.js, Bootstrap, Linux, Amazon, In App payment, E-commerce, Email integration, Apache Solr, S3 integration, PHP Unit test
Team Size	5
Role	Lead Developer, Architecture

#### Project description:

This is on-demand for video platform of Chopra foundation, provides free and paid video available on different category. All contents are stored in the Vimeo and developed the web application in the SOA architecture. Implemented the e-commerce systems including shopping cart applications in PHP and MySQL, integrated payment gateways such as Paypal and performed security audits.

#### Responsibilities:

- Understand, create, define and document detailed business and functional requirements at product and release levels
- Proactively communicate and collaborate between the business and engineering stakeholders



- Work closely with developers, UX experts and tester to build the system through all phases; analysis, design, coding, testing and deployment
- Conduct and drive daily scrum meetings, sprint planning and retrospective meetings; release planning and code reviews
- Maintained web analytics, conversion reporting, and log analysis tools, including AWStats, Analog and Google Analytics.

#### Project #8

Title	Chopra online
Client	Chopra Foundation
Skills Used	MOODLE, PHP, MYSQL, HTML, Linux, PLUGIN, SAP HANA integration, XSJS script, PL/SQL
Team Size	4
Role	Lead Developer, Architecture

#### Project description:

Online learning platform is built in the MOODLE on LAMP stack. Platform provides free and paid contents of different courses and student can enroll of any course and by paying for the paid contents. To design and develop a plugin to attach in the developed application of different team for the by-passing MySQL DB to SAP HANA DB by exposed API in XSJS script and wrote stored procedures in SAP HANA.

#### Responsibilities:

- Worked in requirement analyze, architecture design, code development.
- Designing of plugin of event trigger model approach.
- Worked closely with SAP Labs India Pvt. Ltd. team, Bangalore.
- Regular visit to support onsite team and understand the existing work flow and provide technical assistance to internal team to develop the plugin and actively involved in the architecture design and validation of the developing POC.

Project #9	Spotradio.in
Client	Radiowalla Network Pvt. Ltd.
Skills Used	Python 2.7, Django, Post gre, html, Windows server, Custom Player, Encryption & Decryption, FTP, REST API, HTTP
Team Size	2
Role	Developer

#### Project Description:

This is a standalone application which builds for providing audio solution in the stores. A dedicated content server is being maintained for the daily playlist and these contents are downloaded by player and encrypted before storing in the store machine and do decryption before playing.

#### Responsibilities:

- Worked in requirement analyze, code development and update of the existing code base.
- Acted as a primary support for the project and handled technical queries from team members.

Project #10	Ganjam
Client	Ganjam jeweller
Skills Used	Drupal, PHP, MYSQL, Linux, Amazon, APC, Cache
Team Size	4
Role	Architecture, Release & Deployment Manager

#### Project description:

Ganjam is an exclusive jeweller shows room for traditional fashion. Website has been designed and developed by using Drupal as a CMS in LAMP stack and provided admin panel to do all operational activities of website and also image upload of the product catalog.

Responsibilities:

- Worked in architecture design of the website.
- Code review & UAT
- Provided the technical leadership, help them to define core feature and plugin can be brought in the solution.
- Deployment of the application, setup and configuration of the server.

Feb' 2009 -June' 2011

**Technical Officer , M&E**

**FHI, New Delhi , India [[www.fhi.org](http://www.fhi.org)]**

Provide the technical support to the technical officer, data management and analysis; code, test and troubleshooting programs utilizing the appropriate hardware, database, and programming technology for Monitoring & Evaluation under Avahan project, grant funded by BMGF (Microsoft's social Foundation), USA.

Maintain and modify programs; make approved changes by amending flow charts, develop detailed programming logic, and coding changes. Write and maintain programming documentation. The program will provide troubleshooting support to partners using the software, help in managing a website for the IBBA and CMIS, work closely with other members of the FHI Team, assist personnel of other departments as a computer resource and manage online MIS system for Avahan, Reports, Designing database, Developing application and testing for CMIS on the Client and Server level, automation of website.

Engineering lead for the Core Platform team for developing the CMIS system, which manages aspects including database optimization and shading, site performance (speed), application monitoring tools, data storage.

- Monitor and improve front-end performance (HTTP headers, domain shading, asset versioning).
- Wrote Data analyzer processing tools for resizing 2 million data.
- Designing and developing their MIS application in WAMP stack. Which provides to upload the data format in the excel file and added the consistency checks in the certain parameter during uploading by partner agencies of different location. Provide report generation by different parameter of different navigation level.
- Performed load testing with tools like HTTP\_Load and AB (Apache Bench).
- Increased speed of front-end applications by adding messaging services/queuing.
- Identified strategies for scaling applications based on hardware needs, caching schemes, database expansion and optimization, and application tuning.
- Developed a standalone Application to generate report from MS SQL Server and export to excel format.

Nov' 2008-Feb' 2009

**MIS consultant ([www.bsacs.org](http://www.bsacs.org))**

**BSACS**

**Patna, India**

- Support the information needs assessment, planning, application development, implementation, regular review and updating of the strategic information management (SIM) packages being developed by the selected agency, including Computerized Management Information system (CMIS), Computerized Project Financial Management systems (CPFMS), Smart Card and Business Intelligence applications.

- Be the interface of NACO with the agency developing the SIM packages and ensure its successful planning, finalization and roll out such that it adequately fulfills the needs of the National program at national, state and district levels.
- Identify challenges in implementation of SIM package and provide feasible solutions.
- Provide expert advice and ensure smooth operations on supporting back-end operations to implement the package at national, state and district level to ensure that it is responsive to the evolving needs of the program.
- Refactored the large portions of legacy code.

Tools Used: Visual Studio (VB), ADODB, LAMP, Crystal Report & MS SQL Server

### **Encrypto Soft Solution Pvt. Ltd.**

**Analyst** (Jan 2005-Sep 2008)

Patna , India

Managed development team, hired contractors, and planned for staffing requirements. Determined technology direction for company and worked with systems administrator to manage internal infrastructure and technical assistance to the international and national organization, company and government agency. Complete/oversee the custom development and quality assurance efforts for custom work. Participate and lead, when needed, the project meetings with the customer.

- Manage multiple development designs and projects to meet project and customer required time lines.
- Reduced failures in live applications by implementing new development and staging environments and setting policies for scheduled deployments.
- Development for web and standalone applications. Introduced MVC-style development and other best practices, including separation of database objects, business logic, and presentation layers.
- Develop the programming code from scratch or by adapting existing website graphics packages and software to meet business requirements
- Performed browser testing, security audits, and stress tests.
- Testing the website and identifying any technical problems and hitches
- Maintained vendor relationships and identified new technology partners.
- Establishing the purpose of the website based on its target audience.
- Designing and developing web applications in LAMP and .Net.

### **Onsite Project: Sankalp (Unicef funded) at BEPC**

**MIS Consultant**

Duration: Six months

Patna, India

To develop a standalone application to maintain the state level data and generate consolidate reports of different hierarchy level. Different consistency checks on the data to restrict the duplicity of the records while data entry by operators.

Tools Used: VB, MYSQL, MSSQL SERVER, Windows OS

### **Education**

- Master of Computer Application(MCA)  
2009-2011, SIKKIM Manipal University ,Delhi, India
- Bachelor in Computer Application(BCA)  
2003-2007, Indira Gandhi National Open University, Patna, India

### **Certification**

- DOEACC 'O' Level (2005) , India
- DOEACC 'A' Level (2006) , India
- Certificate in Management (2014) from ICFAI, Bangalore, India

### Achievement

- Got a promotion from Technical Assistant to Technical officer in FHI, 2011
- Got an appreciation letter and prize was awarded for best performance of the year- "Above and Beyond call on duty" by Above Solutions Inc,2013

Signature:

Date: