Abhinav Kumar Akhouri

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Experience Summary

- **7+ years of total IT experience** in the areas of Analysis, Design, Development,Coding, Implementation,Testing and Application environment setup of web based multi-tier applications (related to e-Governance, trade-exchange, and ETL).

- Expertise in Design and Development of enterprise applications using Java,Spring, Hibernate, SQL, Servlets, HTML and JavaScript.

- Extensive working experience in Object Oriented Analysis and Design of enterprise systems using UML and Design Patterns.

- Experience in Restful webservice using Spring-Rest API.

- Extensive Experience in using MVC (Model View Controller) architecture for developing applications using JSF.

- Solid understanding of multithreading and java concurrent collections.

- Sound knowledge of UNIX and shell scripting.

- Experience in build script using maven and integrating it with Jenkin to develop continuous Integration build environment.

- Ability to rapidly learn new concepts and possess excellent analytical, problem solving skills and keen interest in the emerging technologies.

Professional Experience

Organization   : IBM India Pvt Ltd, Bangalore
Duration   : June-2016 to March-2018**(1.7 years)**
Designation   : Senior Software Engineer

Organization   : CrimsonLogic India Pvt Ltd, Bangalore
Duration   : Dec-2010 to May 2016**(5.5 years)**
Designation   : Senior Software Engineer

Technical Summary

Languages   : Java,UML,SQL,HTML,JavaScript
J2EE   : Servlets, Web Services,AJAX
Frame works   : Spring 4.x,Hibernate 3.x,Junit
Databases   : Oracle, MySQL5
Application Servers : WebLogic 10.x,Tomcat
Scripting   : Unix Shell Scripting
Other Tools   : Toad, SOAP-UI.Postman,SVN

Education

Bachelor of Engineering in Electronics and Communication from AIT Chikmagalur, Visvesvaraya Technological University, India in 2005

PROJECTS

Project:	Collateral Data Loader
Company:	IBM India, Bangalore (June 2016 to March 2018)
Environment:	Java 1.7, Spring4x,Servlets,WebSphere,Oracle, Eclipse, Maven,Junit,Git

Description: -CDL basically processes feed files from various sources types.

The feeds are received from various system and processed in CMS. So, each feed contains collateral details like, account, party, security, price, maturity date, interest, etc details.

Each feed is processed and sent to Newton, which is the down-stream system. Newton then generates a report and send this for Risk Metrics analysis.

Contribution

- I developed new functionalities and added enhancements to existing ones.
- I refactored and improved existing code by applying design patterns and by adding unit tests.
- In addition to regular development tasks, I held a client-facing role during the analysis phase and produced requirements documentation.
- I took a pro-active role in assuming ownership of complex, multi-team tasks where collaboration and coordination across the geographically dispersed teams was key.
- I diagnosed and fixed Production issues while ensuring the SLA was met.

Project:	**Permit and License (PNL)**
Company:	**CrimsonLogic India Pvt. Ltd**, Bangalore (Sep 2013 to May 2016)
Environment:	Java 1.6, JSF2,Hibernate 3.x, Spring 3.x,Servlets,Weblogic,Oracle 10g,SVN

Description: Purpose of the E-Permits and Licenses module enhancements is to enable Companies, Businesses and Agribusinesses to submit applications online for License of Premises Pesticides/Toxic Chemicals, License to Import of Pesticide/ Toxic Chemicals, Draw Down from Toxic Chemicals Import License and Export License/Permit of Toxic Chemicals with Pesticides and Toxic Chemicals Inspectorate. The module will also enable Pesticide and Toxic Chemical Inspectorate to process the request and print the permits/licenses online. Automated approval flow enables the approvers to process the requests effectively and efficiently

Contribution

- Developed a prototype of the application and demonstrated to business users to verify the application functionality.
- Used Hibernate framework for the backend persistence and JSF for frontend development.
- Spring is used for declarative Transaction Management.
- Participate in the Analysis and Design of use cases, technical decisions, database design decisions, development and code reviews.
- Written unit test case using TestNG framework

Project:	**Messaging Hub (MHUB)**
Company:	**CrimsonLogic India Pvt. Ltd**, Bangalore (July 2011 to Aug 2013)
Environment:	Java 1.5,Servlets,JSP,Weblogic 11g,Oracle,SVN,JMS,EJB

Description: -Message HUB provides a secure environment for message exchanges between business organizations. Message Hub (M-Hub) is an internet-based messaging platform, which allows business organizations to carry out B2B transactions in a highly secure manner.

It provides a User Interface for users to manage their mailbox and for admin users to perform administrative functions in Messaging Hub. Submission, Retrieval, list, delete, SFTP key upload and change password are the key functionalities provided by M-Hub to the general users.

Contribution

- Performed end to end implementation of new enhancements/Change Requests in existing M-Hub application and its client applications. Updated design specification & test case specification as per the new changes.
- Developed and managed the project build process, build deployment process and source code management.
- Performed manual testing of application functionalities & integration testing to assure expected message flow between M-Hub and other interacting application.
- Written Perl script for automation and housekeep jobs.
- Gave demo sessions for M-Hub overview, functional flow, technical flow and important features to other host application team who were planning to use/evaluate M-Hub as middleware to inter-act other Government applications.

Project:	**BNAF**
Company:	**CrimsonLogic India Pvt. Ltd**, Bangalore (Dec 2010 to June 2011)
Environment:	Java 1.6,Spring 2.x, Hibernate 3.x, Servlets,JSP,Weblogic, MySQL,Maven

Description: - BNAF provides a secure nationwide authentication platform that manages and safeguards citizens' identities across multiple service delivery channels, various ministries and agencies. The eKey system enables each citizen to use a single authentication profile and login to access government e-services.

Contribution

- Involved in coding and unit testing for user management module.
- Involved in developing user interfaces using apache wicket.
- Used Hibernate framework for the backend persistence

DECLARATION

I solemnly declare that all the particulars furnished by me are true to best of my knowledge and belief.

(Abhinav Kumar Akhouri)