

Curriculum vitae

PERSONAL INFORMATION

Bhagwati Prasad



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WORK EXPERIENCE

04/2016–Present

Software Engineer (Developer)

Sopra Steria, Noida (India)

- Agile development of java and web applications using technologies Angularjs 1.x, Java 7, Spring Framework, REST, SOAP web services, PL SQL & JQuery
- Setting up project code base, preparing solution proposals, high level design, direct communication with client team & conducting code review of team members

12/2015–03/2016

Freelance Trainer

Noida (India)

- Train entry level software engineers on designing web applications using Java and related technologies
- Focus on front end development: Bootstrap, CSS3 & Javascript

12/2013–10/2015

Assistant Systems Engineer(Developer)

Tata Consultancy Services Ltd., Mumbai (India)

- Development of UI in JSPs & Apache tiles, conducting unit tests
- Back end development using Java 7, Spring 4 and Hibernate 4
- Automation of mundane tasks to reduce efforts of the support team

07/2013–10/2013

Web developer and French language Trainer

Frehindi Education Pvt. Ltd., Delhi (India)

- Design UI for the website of the institute
- Teaching French language to A1 level aspirants

EDUCATION AND TRAINING

08/2009–06/2013

Bachelor of Technology (Information Technology)

Gobind Ballabh Pant University of Agriculture and Technology, Pantnagar (India)

06/2012–07/2012

Internship

iTech Power, Ghaziabad (India)

- Six weeks internship, developed a mock project ECOPS: Online Police Portal

Job-related skills

- Java 8, C, Angularjs 1.x, Javascript, PL SQL, JQuery
- Spring 4, Spring Boot, Hibernate, Struts 2
- Spring REST, SOAP Webservices using Axis2,
- JSP, JSTL, Servlets, Apache Tiles,UML, XML
- SOAP UI, Sqldeveloper, Git, SVN, Maven, Gradle, Jenkins, Eclipse, HPQC
- JBoss As7, Oracle 11g, DB2, MongoDB, Websphere 7.0, Tomcat 7.0, Putty
- JUnit, log4j, Tesseract OCRing, jnetpcap, jvisualvm
- iCal4j, Apache POI, JodaTime, dom4j, Sonar

ADDITIONAL INFORMATION

Major projects

1. MITRO(Maintenance notification web application for a leading French telecom service provider company)

Team Size: 14(8 Developers +3 Testers+ 2 Team leads + 1 Project Manager)

Role: Developer

Description: Maintenance data of different routers & switches of the company from all around the world is processed at maintenance repository database through DB jobs. The managers and customers can see their maintenance data on an online portal. For other applications that want to see maintenance data of customers, the data is exposed via web services.

Tools & Technologies: Java 7, Angularjs 1.x, Spring MVC, REST web services, SOAP web services, PL SQL, Oracle 11g, Sqldeveloper 4.0, SOAP UI, Jenkins, Unix, Putty, iCal4j, Apache POI, Joda-Time

My Responsibilities:

Development of web services(SOAP), fixing defects and adding new features to GUI in Angularjs.
Create procedures and functions in PL SQL, writing design documents
Writing & conducting unit tests, reviewing code of junior team members.
Excel & calendar files handling in Apache POI library and ical4j in Java.

2. Email Notification System (For a leading French telecom service provider company)

Team Size: 4 (3 Developers+1 Testers)

Role: Developer

Description: Development of email notification system from scratch. A new maintenance or rescheduled maintenance occurring in the network is communicated to the Customer via email (timing and frequency of emails depends upon the type of maintenance). With the email, he is sent an Excel file(.xlsx) & Calendar file(.ics) which have details of maintenance and time of maintenances respectively.

Tools & Technologies: Java 7, Spring 4(Core, Jdbc, aop for logging), Gradle Eclipse Plugin-Buildship, Junit, Eclipse, PL SQL

My Responsibilities:

Requirement understanding, writing solution proposals, high level design & provide development time estimation sheet.

Decided the technology stack for development. Created Basic Project Structure For development and did knowledge transfer to Junior Developers.

Worked on Development of code for urgent maintenance which are notified as soon as they are received.

3. Mitro Web Services(For a leading French telecom service provider company)

Team Size: 4

Role: Developer

Description: Mitro database has information about maintenance occurring in the network. Ticketing applications use **mitro web services** to check if there is a maintenance for a device against which a ticket has been raised by customer complaining about network unavailability. Mitro Web Services are developed using Apache Axis2.

Tools & Technologies: Java, Apache Axis2

My Responsibilities: Solving the production defects and enhancement of web services as per requirement by client.

4. Development of Web based Check Truncation System(CTS)

Team Size: 18(12 Developers+4 Testers+1 Team Lead+1 Project Manager)

Role: Developer

Description: Agile development of Image-based Clearing System for faster clearing of cheques for a leading public sector bank of India. Cheque images and their magnetic ink character recognition (MICR) data have to be captured at the collecting bank and electronically transmit to the clearing house of India(CHI), which then will be processed by NPCI(National payment Corporation of India) which will eventually send acknowledgments to the bank.

Tools & Technologies: Java 7, Spring 4, Hibernate 4, JQuery, Maven, IBM RAD, Websphere 7, DB2 v 9.5, Windows server 2008, Libraries used: Tesseract OCR API, log4j, dom4j, Crystal Reports

My Responsibilities:

Developed front end of the application in JSP, Javascript, JQuery, CSS and Apache Tiles.

Developed Outward Clearing Module of the application (i.e. When Cheques are sent for payment to other banks).

Used Tesseract OCRing for reading MICR data from Cheque images.

Worked on XML file reading and writing using Java.

5. Anomaly Based Intrusion Detection System

Team Size: 4

Role: Team lead

Description: An Anomaly-Based Intrusion Detection System, is a system for detecting computer intrusions and misuse by monitoring system activity and classifying it as either normal or anomalous. The classification is based on heuristics or rules, rather than patterns or signatures, and attempts to detect any type of misuse that falls out of normal system operation.

Tools & Technologies: Java, Jnetpcap, Java Swing

My Responsibilities:

Used Open source Library Jnetpcap for capturing packets on network. Used anomaly detection algorithm based on Gaussian probability distribution.

Trained to detect anomalies occurring in the server like Denial of Service attacks.

6. Web based Advertisement System

Github Url for the Project

Description: It is a web based advertisement system where people can put their freelancing service/offer online once they are registered. People can see advertisements without any registration.

Tools & Technologies: Spring 4 (Core, AOP, Security, JDBC, Webflow), Hibernate, Apache Tiles, JSP, Javascript, MySQL, Apache Tomcat 7.0

My Responsibilities: Development of project code and unit testing.

Certifications	<ul style="list-style-type: none"> ▪ Oracle Certified Associate, Java SE 7 Programmer Certificate ▪ MongoDB for Java Developer Course Completion Certificate ▪ Diplôme d'études en langue française A2 (DELFI A2 French language) ▪ Scrum Fundamentals Certified from Scrumstudy.com
Honours and awards	<ul style="list-style-type: none"> ▪ On The Spot Award from Tata Consultancy Services for fixing a very critical bug in the application. ▪ Best Team Award from Tata Consultancy Services for development of Cheque Truncation System with other team members ▪ Applause award from Sopra Steria for knowledge transfer to Junior developers
Languages	<ul style="list-style-type: none"> ▪ English: Fluent ▪ French: Intermediate ▪ Polish: Beginner
Hobbies and Interest	<ul style="list-style-type: none"> ▪ Table tennis, Swimming ▪ Learning languages, Singing
Online profiles	<p>LinkedIn: https://www.linkedin.com/in/bpjoshi</p> <p>Github Project Link: https://github.com/bpjoshi/AdvertSystemRepo/tree/master/AdvertSystem</p>
Declaration	I hereby give consent to recruiters to use my CV for the purpose of recruitment.
Other Information	Note: I do not have a work visa for Europe. I will need my employer to sponsor me a work visa to be able to work in Europe.