Curriculum vitae

PERSONAL INFORMATION

Bhagwati Prasad

📍 Amrapali Silicon City, Sector 76, 201301 Noida (India)

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WORK EXPERIENCE

04/2016–Present

Software Engineer (Developer)

Sopra Steria, Noida (India)

- Agile development and enhancement of the web applications using Angularjs 1.x, Java, Spring(MVC & JDBC), REST &SOAP web services, PL SQL
- Preparing solution proposals, high level design, low level design documents
- Preparing builds using Jenkins, testing web services using SOAP UI, conducting code review of team members

12/2015–03/2016

Freelance Java Trainer

Noida (India)

- Training entry level software engineers to design web applications using Java and related technologies
- Assisting the teams in development of project code

12/2013–10/2015

Assistant Systems Engineer(Developer)

Tata Consultancy Services Ltd., Mumbai (India)

- Designing the user interface, back end development using Spring 4 and Hibernate 4, designing and conducting unit tests
- Assisting project leader in designing and delivering communications related to business continuity and IT disaster recovery activities.

07/2013–10/2013

Web developer and French language Trainer

Frehindi Education Pvt. Ltd., Delhi (India)

- Creating layout/user interface for website of the institute by using standard HTML/CSS practices.
- Conducting sessions for the students aspiring for A1 level certification in French language.

EDUCATION AND TRAINING

08/2009–06/2013

Bachelor of Technology (Information Technology)

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

- Data Structures & Algorithms, Computer Networking, E commerce, Software Engineering, DBMS

06/2012–07/2012

Internship

iTech Power, Ghaziabad (India)

- Six weeks internship from iTech Power, Ghaziabad, India and developed a mock project online police portal in Java EE from scratch.

PERSONAL SKILLS

Mother tongue(s) Hindi

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A2	A2
Polish	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills
- Java 7/8, PL SQL, Angularjs 1.x, SQL
- Spring 4(Core, MVC, AOP, Security, JDBC, Transaction, JMS), Hibernate,
- REST, SOAP, UML, HTML, CSS, XML, JSP, JSTL, Servlets, Apache Tiles
- SOAP UI, Sqldeveloper, Git, SVN, Maven, Jmeter, 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, Joda-Time

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 of the company from all across the world is collected and later brought at MITRO database through DB jobs. The customer relationship managers of the company can see maintenance notification of their respective customers on the web portal and notify their customers through the web application and email.

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

My Responsibilities: Development of MITRO web services(SOAP). Fixing the defects and adding new features to GUI developed in Angularjs. Writing new database procedures and functions in PL SQL and fixing the defects of existing procedures and functions on Sqldeveloper 4.0. Testing web services using SOAP UI. Writing Solution Proposals, Time Estimation Abacus Sheets, High Level Design Documents and Low Level Design Documents. Writing, conducting Unit Tests and reviewing Unit Tests and code of team members as per the guidelines. Creating new branches and merging branches in SVN and preparing builds using Jenkins. Reading from and writing to excel files using Apache POI library in Java.

2. 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 (ICS) 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, Maven, IBM RAD, Websphere 7, DB2 v 9.5, Windows server 2008, Libraries used: Tesseract OCR API, log4j, dom4j, Crystal Reports

My Responsibilities: Designed and developed front end of the application in JSP, Javascript and CSS. Worked mainly on 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 7. Used Java mail API to design mail notification system which sends daily reports to Bank IT and Cheque Clearing Team. Designed and conducted Unit Tests using JUnit. Wrote Solution Proposals, High Level Design Documents.

3. 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.

Certifications	
	▪ Oracle Certified Associate, Java SE 7 Programmer Certificate
	▪ MongoDB for Java Developer Course Completion Certificate
	▪ Diplôme d'études en langue française A2 (DELF A2 French language)
	▪ Scrum Fundamentals Certified from Scrumstudy.com

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Honours and awards

▪ 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

Hobbies and Interest

▪ Table tennis, Swimming, Guitar playing and Learning languages

▪ Programming, Teaching, Bird watching and Running

Online profiles

LinkedIn: https://www.linkedin.com/in/bpjoshi

Github: https://github.com/bpjoshi/