CHANDRASHEKHAR PATIL
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Objective:

Highly motivated with strong technical skills seeking a challenging position in a reputed organization where I can contribute my proficiency towards an advancement of firm and appraisal of my career.

Professional Experience:

1. **Project: Apple Maps**

Description: Apple is developing own map with more precise location. Which has many workflows, application, service to create, maintain or provide platform for map.

Responsibilities: (Senior Software Developer)
- Migrated play framework with guice dependency injection.
- Upgraded Kafka version to use kafka stream.
- Developing new feature required to improve the map

Technologies/ Tools: Scala, Play, Akka, Kafka, Cassandra, JSON, REST, Github, Radar, Amazon S3, Confluence, ElasticSearch, BootStrap, Splunk, Jenkins, Intellij, sbt, gradle.

2. **Project: Nemo-Core (E-learning), Bruce**

Description:

Nemo-Core is project that provides platform to various Springer business unit such as Springer Professional, Springer Medizin, Mijn-bsl etc. for publishing journals, books, research paper etc. E-learning is module of nemo-core project that provides online learning content for doctors, researcher and student.

Responsibilities: (Senior Software Developer/Technical Consultant)
- Being a Fullstack developer responsible to develop, integrate and maintain various Springer Portals using Java, Scala with Agile and TDD methodology.
- Developed REST API(Anlger, LRS, LTI) to handle the elearning business logic.
- Migrated play framework 2.3 to 2.4.
- Provided solution for certification generation with full development cycle.
- Used Akka actors for fetching and processing JSON statements from other API.
- Troubleshoot issues to identify root causes and prevent recurrence.
- Code review, Writing test-cases, recommend/suggest changes.

Technologies/ Tools: Scala, Play, Akka actors, J2EE, X-API, JSON, REST, Spring3.0, Maven, Coremedia 5/7, Go pipeline(CI/CD),Github, Bitbucket, Jira, Amazon S3, Cloud Foundry,

Confluence, MongoDB, SOLR, ElasticSearch, BootStrap, Grafana, Kibana, Jenkins, Chef, Vagrant, Intellij, Linux.

3. **Project: Emission**

Description:

Emission project is being used to generate and maintain various engine labels based on family, rating. Project was to develop common new web-application with new features using DSFJ framework, which was developed in pre-EJPM, Ejpm1.0 and Ejpm2.0 frameworks.

Responsibilities

- Gathering requirement from business.
- Analysis of requirements, designing user interface, develop and document the solution.
- Involved in suggesting enhancement and implement on approval.
- Code review, Writing test-cases, recommend/suggest changes.

Technologies: DSFJ, Pre-EJPM, Ejpm1.0, Ejpm2.0, Spring3.0, SQL-Server 2005, JPA, RAD 7.5, Web Sphere7.0, Tomcat 6, Web Services, Java 1.5, Jquery.

Yash Technologies Pvt. Ltd. Pune (Client: John Deere)   Dec. 2010~ Oct. 2011

4. **Project: Enterprise Resource Calculator**

Description:

Application was mainly developed for the Project Managers of various John-Deere Units. It is useful for estimating the required resource for project, which includes the parts manufacturing, development projects.

Responsibilities

- Analysis of requirements, designing user interface, coding and document the solution.
- Involved in suggesting enhancement and implement on approval.
- Writing test cases.
- Followed complete SDLC.

Technologies: Java 1.5, Hibernate, EJPM 2.0, DB2, Web Services, RAD 7.5, Web Sphere 6.0

Yash Technologies Pvt. Ltd. Pune (Client: John Deere)   July 2010~June 2013

5. **Project: Engineering Work Order (EWO) application, Time Card System**

Description:

EWO is used at the factory level in John-Deere. EWO is useful to order the required part for the product development with the approval of respective request processor.

Time Card System is used for maintaining the employee time sheet. Team member already developed Time Card System.

Responsibilities

- Write Use cases and Javascript for the project,
- Document project flow and User manual

- Involved in suggesting enhancement and implement on approval
- Maintain and provide support as per the requirement

Technologies: Java 1.5, Hibernate, EJPM 1.1, DB2, Web Services, RAD 7.5, Web Sphere 6.0

Angel Telecom AG, Baar, Switzerland   **Mar. 2008 ~ Apr. 2009**

6. **Project: Web-Based Call blocking, special routing & telecoms Quality management tools**

Description:

Developed a multilevel authentication "call blocking and special routing" tools, which helped users to block specific calls or change the route of calls for various reasons namely better quality, less expensiveness and to avoid looping.

Developed a "Quality Management" tool to observe and filter quality of the routes based on good and bad quality. The system finds a bad quality and adds it to the blacklist. This project helped the firm to improve the quality of call traffic by 50-60%.

Responsibilities
- Involved in analysis, design, database schema, coding and documenting.
- Involved in developing the user interfaces using JSF.
- Developed server side components containing business logic.

Technologies: Java Server Faces (JSF) 1.1, Java 6, PostgreSQL 8.2, XML, Eclipse 3.4, Netbeans 6.5, Tomcat 5, JDBC, hibernate 3.0.

Telesonique S. A. Zurich, Switzerland   **Mar. 2007 ~ Feb. 2008**

7. **Project: Web-Based calls traffic monitoring and trouble ticket handler system**

Description:

Traffic monitoring system has been developed with features of call tracing, performance measurement of call for analysis and quality of service. Developed web based trouble ticket handler system, which helps the customers to report the telecom quality problems.

Responsibilities
- Involved in UML Designing and developing user interfaces using JSF
- Involved in development and management teams for project lifecycle, network and Database handling

Technologies: Java 5, Java Server Faces (JSF) 1.1, PHP 4, MySQL 5.0, SQL Server 2005, XML, Eclipse 3.2, Netbeans 6.5,Tomcat5, Debian, LAMP (Linux-Apache-MySQL-PHP/Perl).

Educational Qualification:

Master of Science in Software Technology, University of Lüneburg, Germany.October 2004- September 2008

Bachelor of Engineering in Computer Science, Dr. B. A. M. U, Aurangabad India, September 1999- June 2003 with First Class

Technical Skill:

Programming Languages:	Scala, Java, J2EE
GUI:	HTML5, JSP, JSF, Tiles, Swing
Framework:	Play2.4, Spring3, REST, Hibernate 3, Struts 2, GWT, CSS, XML, JSON
Databases:	MongoDB(NoSQL), PostgreSQL8.2, DB2, MySQL 5.0, Oracle9
Configuration/Source Code Management Tools:	Git Hub, BitBucket, Go Pipeline, Jenkins, Jira, Docker, Cloud Foundry Quality Center, StarTeam, TortoiseSVN, Subversion, CVS, Maven
Web/Application Servers:	Netty, Websphere 6.0, Apache Tomcat 6, WebLogic 8.1, Glassfish v2, JBoss 1.5
IDE:	Intellij 2016.3, RAD 7.5, Eclipse 3.4.1, NetBeans 6.5
UML Tools:	Confluence, Jug
Monitoring Tools:	Kibana, Grafana, Icinga, Elastic Search, SOLR

Relevant Seminars/presentations (Academic):
- G.I. S. (Geographical Information System) at the Engineering level
- A.D.L (Architecture Descriptive Language) part of module *Software Architecture in Distributed System*
- Object Oriented Database Features/Characteristics part of module *Advance Databases*
- Semantic Web part of module *World Wide Web and Research Topics*
- Quality Assurance in Open Source Software part of module *Quality Assurance in software lifecycle*

Master Thesis:
Analysis/comparison of different development methods such as Agile or traditional methods with OSS model in order to show QA impacts.

Description:
The thesis focuses on critical analysis of agile and open source software development methods in order to show quality assurance of the software models. Analysis forced to propose a new hybrid approach to the software development that best synergizes the practices of both agile and open source software model.

Personal Details:
Date of Birth   : 6th-June-1982.
Nationality   : Indian.
Language known   : English, German, Hindi, Marathi.