

Tanuja Gadde
720-360-5237(M)
tanujagadde@gmail.com
http://tanujagadde.net/

SUMMARY

- **4 years** of experience in software development with involvement in all phases of SDLC life cycle.
- **3 plus years of experience** developing and supporting enterprise applications using Java/J2EE technologies.
- Experienced with the entire **Software Development Life cycle (SDLC)** process including requirement analysis, conceptual and detail design, development, verification and testing.
- Worked on **Spring1.0, Spring Boot1.3, REST Express** framework.
- Developed RESTful web services to export data through JSON or XML.
- Experience in working on **No SQL Database MongoDB** as the back-end.
- Experience and thorough knowledge in web development technologies like **JavaScript, ReactJS, AngularJS, CSS3, SCSS, JSON, HTML**.
- Hands on experience in developing web based applications using JAVA various J2EE technologies like **JDBC, JMS XML, and UML**.
- Thorough understanding of J2EE design patterns like **MVC, Front Controller, Singleton, Builder**.
- Experience in configuring and deploying **Enterprise Java Applications** using **AWS**.
- Experience in configuring and deploying **Web Applications** using **NodeJs and Nginx**.
- Expertise in creating **Stored Procedures, Functions, Triggers** using **Oracle 8i/9i/10g and IBM DB2 9.x** database and experience in writing complex SQL queries.
- Developed J2EE applications on different **IDE's** like **IntelliJ 14, Eclipse 2.1/3.2**.
- Created technical documentation for system use cases, UI components, services components and domain object components.
- Ability to adapt quickly to new environments, concepts and methods with ability to handle projects within deadlines.
- Possess strong analytical, verbal, inter-personal skills that help in communicating with the team members.

TECHNICAL SKILLS

Programming Languages	Java, J2EE, JavaEE 5/6/7, Python, C, HTML, XML, JavaScript, ReactJS, AngularJS, PL/SQL, SQL, Log4J.
Technologies	JDBC 3.0/4.0, JQuery, Ajax, JSON, Git ,SVN
IDE Tools	Eclipse 2.1/3.2, IntelliJ 14
Application/Web Servers	Apache Tomcat 6.x, WebLogic 10.3, AWS, Nodejs, Nginx
Databases	Oracle 10g/11g, MySQL 3.x/4.x/5.x, MongoDB
Operating Systems	OSX 10.9, Ubuntu Linux, Win XP/ Vista/7/8/10.

EDUCATION

- Master of Science in Computer Science, Clemson University, SC. **GPA : 3.6/4**
- Bachelor of Technology in Computer Science, V.R.Siddhartha Engineering College, India. **GPA : 8.0/10**

PROFESSIONAL EXPERIENCE

Pearson E-College.

Associate Software Engineer

Aug 14 - Current

Description: The project Notifications and FeedBack is a webpack component that uses ReactJS to build out its UI. Notification-Component is NOT an Origami component. It makes service calls to Notification-API as well as Feedback/Coachmark-API. Each Notification may contain a list of Coach Marks to display in a next/back sequence. Since each Coach Mark has a different url to display, each Coach Mark display could be a new page load. In order to

maintain context between page loads, the URL must contain the id of the current Notification as well as the ID of the current Coach Mark. This will allow the Notification-Component to query the Notification-API and the Coach-Mark-API to rebuild context on each page load.

Responsibilities:

- Implemented features to the coachmark component to add the back and next buttons.
- Involved in the design and implemented the notifications components.
- Involved in analysis, specification, design, implementation and testing phases of a new project as feedback is like an app store that allows users to try new features and provide feedback. This allows developers to get their new feature in front of more people while in a beta state, promote early adoption and advertise availability of new applications.

Description: The project Course Copy API is a new GRID system that will serve as the system of record for copying of course related information within GRID. It will perform the function of a mediator, simply managing a course copy and monitoring its status. Also part of a different project where the student or professor will be able to login to a UI portal to look into their courses and their performances and assignments.

Responsibilities:

- Implemented few new routes and worked on the enhancements of the Course Copy API.
- Involved in the design and implemented few card visualizations such as histogram and calendar.
- Involved in analysis, specification, design, and implementation and testing phases of a new project as LABS is like an app store that allows users to try new apps and provide feedback, &c. This allows developers to get their app in front of more people while in a beta state, promote early adoption and advertise availability of new applications.

Environment and Technologies: Java 1.8, Angular, ReactJs, JavaScript, REST EXPRESS, MongoDB, NodeJS, Git, AWS, Nginx.

Premier IT Solutions Inc.

Client: Comcast

Programmer Analyst

Jul 13 - Aug 14

Description: The PrepaidService provides operations to manage provisioning and maintenance of prepaid consumer HSD and Video products. The application was developed using Client Server based architecture.

Responsibilities:

- Involved in analysis, specification, design, and implementation and testing phases of the new enhancement to the application namely redeem feature.
- Resolved product complications at customer sites during activation of internet services on multiple line of business such as HSD and Video.
- Involved in designing UML Use case diagrams, Class diagrams, and Sequence diagrams using IBM Rational Software Architect (RSA).
- Used Web services WSDL and SOAP. For requesting the data from various other services namely location services to get the location details required to check/validate if the activation of the internet can be processed.
- Used JAXB XML parsers for data retrieval.
- Designed various tables required for the project in Oracle database and used the Stored Procedures in the application.
- Used Maven to build application.
- Worked on the Linux hosting platform.
- Used Log4J for logging and tracing the messages.
- Used CVS for version control across common source code.

Description: The EST Service will expose operations that may be used to submit refunds, transfer assets from one account to another, and request Usage data for Electronic Sell Through (EST). The application was developed using Client Server based architecture.

- Involved in various phases of Software Development Life Cycle (SDLC).
- Provided bug fixes and enhancement on refunding of assets mechanism for the customers.

- Generated Use case diagrams, Class diagrams, and Sequence diagrams using IBM Rational Software Architect (RSA).
- Used JMS API for asynchronous communication by reading the messages in the Message queue and processing the data to refund asset, by sending the data to the biller.
- Used Web services –Soap and WSDL for processing credits to customer.
- Designed various tables required for the project in Oracle database and made use of Stored Procedures in the application.
- Used Maven to build the application and deployed on WebLogic Application Server.
- Monitored the error logs using Log4J for identifying bugs.

Environment and Technologies: Java 1.6, Web services, Spring, JDBC, Unix, Oracle 10g, Web logic10.

Premier IT Solutions Inc.

Client: Connecture

Programmer Analyst

Oct 12 - Dec 12

Description: This is a business unit that is focused on Health Insurance. The system was developed to provide health plan sales automation and online health insurance process automation for all size health plans. The application was developed using MVC based architecture.

Responsibilities:

- Analyzed Business Functionality and use cases and interacted with Users.
- Responsible for designing, coding and developing the application.
- The total application was developed in J2EE using MVC architecture.
- Developed the web tier components using JSP, Struts, and JavaScript.
- Used SVN Version Control.
- Created Unit test cases.
- Analyzed and resolved the crucial production defects.
- Used Log4j for logging.

Environment and Technologies: Java 1.6, Web services, Java 1.6, Struts, Oracle 10g.

PERSONAL PROJECTS:

PostMan-ShortCut Node Application

Aug 15 - Sep 15

Description: This application is similar to Postman chrome plugin which makes the all the CRUD calls when given the necessary url,payload and header for the request.PostMan-ShortCut,Postman-Shortcut app doesn't require any of those url or the payload or any sort of header it builds it for you based on the input command given by the user.

Example:Method|CopierIds|Copyids.

Technology: NodeJs, Javascript

Chrome Plugin For Youtube

May 16 - May 16

Description: This project is chrome plugin in which user should authorize with a valid gmail account once that is successful.The user can search his favorite subscribed videos between the days he wish to watch

Technology: Javascript

COURSE PROJECTS:

Aug 11 - May 13

Designing a Compiler: Translation of Programming Language

Description:Implementing the complete compiler from lexical analysis to code generation following the whole work flow i.e. creating the lexical analyzer from which we get the tokens and looking for the syntactic error by creating the parser following the semantics and code generation.

Technology: Python