

# Prakash kondu

**Java Developer -State of New Jersey, Department of Agriculture**

Trenton, NJ - Email me on Indeed: [indeed.com/r/Prakash-konu/1a8211aa3afb487c](https://www.indeed.com/r/Prakash-konu/1a8211aa3afb487c)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

### Java Developer

State of New Jersey, Department of Agriculture - Trenton, NJ - August 2014 to Present

**DESCRIPTION:** Direct Certification is a web-based application, which facilitates school LEA's of each district to add/edit/view/ delete students who are eligible for direct certification by uploading a file with currently enrolled student records. This application then searches for students based on the criteria approved by Federal agents against the individual student data provided by Human Resources. Then LEAs will certify the students. There are different criteria's that student may fall under like Bulk match, Household match, Probabilistic match and Foster match. LEAs can also delete duplicate certified students, which is displayed by the application by searching the students who are already certified under any criteria.

### ROLES & RESPONSIBILITIES:

- Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
- Followed complete Agile methodology starting from Product backlog, Sprint Backlog, Sprint Planning, User stories etc.
- Involved in front-end designing using HTML, CSS and Angular JS with JSF Ajax and tag libraries.
- Developed AJAX functionalities using frameworks like JQuery and Angular JS.
- Developed application using Struts MVC, JSP, JSTL on the presentation layer
- Developed RESTful web services using Struts Framework.
- Built a RESTful API to save and retrieve agent information in Java using Struts MVC, Apache CXF and JAXRS.
- Modeled Restful web services and Scala using Apache CFX.
- Performed Client Side Validations using Validation concept of Struts Framework.
- Involved in the development of JSP with custom tags, Java Beans and also performed integration into the Application System.
- Extensively involved in struts components development like action mapping in struts deployment descriptor file Action Class for handling the Http request from the front-end.
- Coded the backend functionality using the WCS command design pattern
- Used the Java Collections API extensively in the application.
- Implemented Enterprise Java Beans (EJB) to interact with the database to insert, update, delete and retrieve values efficiently.
- Consumed SOAP Web Services
- Performed J2EE application deployment using WebLogic 11 application server on Linux.
- Implemented logging mechanism using Log4j
- Created and used Access beans which encapsulates the entity bean (EJB)
- Created entity beans for new tables created
- Used data beans in JSP to retrieve the dynamic content.
- Prepared Integration Test Plan and Unit Test Plan

- Involved in unit testing and integration testing
- Developed and executed Unit Test cases using JUnit framework by supporting TDD (Test Driven Development).
- Involved in CICD process using GIT, Jenkins job creation, Maven build and publish, and Fabric implementation
- Cross browser testing
- Involved in development of SQL Queries
- Involved in writing queries, stored procedures, modifications to existing database structure as required per addition of new features
- Used JDBC for database connectivity with oracle.
- Involved in migration of the application from Sun Java Application server to Glassfish 3.2 environment. Responsible in mitigating the issues corresponding session stickiness, load balancing, setting up JDBC connection pools and other required parameters on the app server.
- Involved in creating, modifying and tuning SQL queries, prepared statements and stored procedures used by the application using PL/SQL developer and Oracle 11g as the database.
- Used JNDI lookup in establishing a singleton database connection class using JDBC

TECHNICAL STACK: Agile, Sprint Backlog and Planning, Java, Struts, Hibernate, JavaScript, CSS, AJAX, Angular js, JQuery, Bootstrap.js, Ajax, HTML5, PL/SQL, JDBC, Apache CXF, SOAP, RESTful, Web Services, Eclipse, JSP, JSTL, Servlet, Maven, Jenkins, GIT, XML, Itext, Jira, Scala, JUNIT, Jasper Report, Web 2.0, SOA, JMS, EHCACHE, Apache Tomcat, IBM Websphere, Weblogic 11, Linux, SVN, UML , Oracle 11g

## **Software Engineer**

Standard - St. Louis, MO - October 2013 to June 2014

DESCRIPTION: This project enables convenient experience for the customers to initiate the return and exchange process online and complete the return in store within 5 minutes. User fills out the necessary information online and creates an authorization id; user goes to the store with authorization id and item to be return to complete the process. This reduces the turn around and waiting time in the store for a return process.

### **ROLES & RESPONSIBILITIES:**

- Designed and developed user interface using front-end technologies like HTML, CSS, and JavaScript.
- Involved in the development of modules Probabilistic and Foster, based on the requirements.
- Implemented RESTful Web services in Service Oriented Architecture (SOA) to retrieve data from client side and made REST API calls from Angular JS and parsed the data to client and handled the security and Authorization using Spring Security and OAuth authentication protocol respectively. Used Spring Security with Google OAuth 2.0 to secure the REST web services we produce.
- Developed Front End Single Page Application with data from REST services in JSON Format.
- Implemented the Angular MVC and two way data binding.
- Used Spring MVC framework and created Action Forms, Actions, which determines the flow of the application based on the results obtained from the classes. (Controller)
- Mapped tables in database using Hibernate and Scala
- Developed classes which handles the request parameters, process data, collect data retrieved from the database to List and Map interfaces and store it on objects.(Model)
- Involved in integrating Single sign on which is provided by OIT as a web service. Used JAX-WS, XML RPC, JAXB technologies in generating client stubs.
- Used Putty too for UNIX login to check the server logs.
- Database (DB2 UDB) maintenance and Admin support
- Developed shell scripts for all replication maintenance/monitoring.

- Involved in installing DB2 UDB on LINUX 4.1 and 3.1, created instances and databases on different servers and provided connectivity to development, test, staging and production databases.
- Installed and configured the Web Server and Database Server in Linux Platform.
- Application was deployed on Web Sphere Application Server 7.0.
- Developed, and debugged the servlets and EJB with Web sphere Application server.
- Modifying batch & online programs as per the requirement and made schedule changes.
- Worked on DB2 defects along with IBM and applied special builds for the production and development environment.
- Involved in updating DB2 UDB 8.1. Installed Fix Pack 11 on production and development servers.
- Developed shell scripts for all replication maintenance/monitoring.
- Extracted data from various sources like flat files and DB2 server.
- Assisted in the successful completion of DB2 Connect and MQ Series for UDB
- Developed automated scripts using Shell for performing RUNSTATS, REORG, REBIND, BACKUP, LOAD, EXPORT, IMPORT and other related to database activities.
- Used CVS code versioning system for code maintenance and used Log4j to generate logs used for maintenance and bug tracking.
- Every Day Tasks include Test Driven Development (TDD), Junit, JIRA, issue navigator, GIT, Stash.
- Used GIT for version control in Scala in Java

TECHNICAL STACK: Springs, Java 1.7, Hibernate, Web Services, SOA, Angular JS, Node JS AJAX, XML, XML Parsers [SAX/JAXB], Scala, Hibernate, Junit, JSP, JavaScript, & Java/J2ee design patterns, JBOSS, Eclipse, IBM Utilities, Web logic, ITEXT, DB2, SOAP UI, CVS, GIT, Windows & Linux.

## **Programmer Analyst**

Wells Fargo - North Brunswick, NJ - June 2009 to September 2013

DESCRIPTION: Wells Fargo Financial needs SSO utility to be developed to enable the use of a single User ID for a customer to access all participating Wells Fargo Financials web sites. It means the user will be able to access all secured Wells Fargo web sites just by logging into one secure Wells Fargo web site.

The project focuses on embedding second level of authentication to the current security solution provided by Single Sign On application. Second level of authentication will force users to register a set of three questions and answers. During subsequent login attempts by the user, the system will verify the risk level of user and will challenge the user with a registered question. Determination of risk is done with the help of predefined rules. User will gain access to Wells Fargo application resources only after providing correct response to the challenge.

### **ROLES & RESPONSIBILITIES:**

- Designed and implemented Second level authentication in addition to the Single Sign On functionality for the Ameriprise Applications.
- Documentation of high level Technical/Functional designs.
- Using spring IOC (Dependency Injection) developed Java Beans, with getter and setter properties to be configured by spring. Configured & implemented Spring Application Context to instantiate all bean classes.
- Configured policy-using Siteminder to make new applications SSO protected.
- Implemented database access using DAO design pattern.
- Used Node.js and Npm modules.
- Implemented mock services in node.js with the help of modules using ExpressJS.
- Developed front end using JSPs, Ajax, JSTL, Java Script and CSS Style sheets.
- Used Hibernate to store the persistent data as an Object-Relational Mapping (ORM) tool for communicating with database.

- Implemented Java 1.5 new features like generics, auto boxing/unboxing, enhanced for loops etc. in the application.
- Report generation and analysis.
- Status meetings with stakeholders.
- Using Identity Manager APIs for SSO - Application integration.
- Policy configuration using Siteminder to enforce respective policies for all application resources (URLs).
- Review of the security code based on the Security code review checklist for Ameriprise requirements.
- Manage handoff to SSO support team and resolving the defects found using the Causal Analysis.
- Utilized JavaScript for the web development.
- Involved in mentoring other team members.
- Supported UAT testing.
- Provided E2 environment support and worked on fixing the issues.
- Day to day status track of issue.
- Responsible for new development and change request within the scope of the project.

#### TECHNICAL STACK:

Java 1.5, JEE, Spring3, Restful and SOAP Web Services, JSTL, Java Script, Node JS, Express JS, Eclipse, Oracle, SQL/PLSQL, CVS, CSS, Ajax, Windows, XML, CA SiteMinder, IBM ITIM and SUN Directory Server, Managenow.