

RATUL KHOSLA

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TECHNICAL SKILLS

LANGUAGES

Java, JavaScript, HTML,
CSS, SQL, PL/SQL,
XML, XSD, UML

FRAMEWORKS

Spring, Struts, Hibernate, JSF,
JDBC, jQuery, Ajax, JUnit,
Log4J, MasterCraft, SLF4J

BACKEND

Oracle, WebLogic,
SOAP, Tomcat

TOOLS

Eclipse, SQL Developer,
SAP BO-XI, Docker,
SonarQube, PMD, Ant,
Maven

EXPERIENCE

SEI INVESTMENTS | SOFTWARE DEVELOPER | MALVERN, PA

Oct 2015 – Aug 2017

- Hired as a **Java Developer** to enhance and build new features to the SEI Wealth Platform
- Interacted with clients from US and UK to meet regulatory requirements in a **SAFe** (Scaled Agile Framework) environment.
- Used **JSP** and **JavaScript** to design and implement a new Configuration UI.
- Augmented the current UI for Clients, Firm Employees as well as Trading Partners.
- Created new (*Reconciliation, FCA Transaction*) and enhanced existing **BO-XI reports**.
- Selected for SEI's Bounty Program to enhance the functionality as requested by Market Units, outside work hours.
- Used a combination of **SourceTree**, **Stash** and **Git** for version control.
- Responsible for defect analysis and bug fixing in the Production Environment
- Deployed the SWP applications to **Oracle WebLogic** 11g servers.
- Used **ANT** for building and deploying the application in Component and Development environments.
- Performed **UAT Testing** in the UnaVista UAT website to ensure the correct reporting of transactions from SEI to UnaVista.
- Setup and utilized **SonarQube** to improve and maintain code quality for the UK and US teams.
- Chosen to be in the pilot group to use **Docker Containers** as our new Component environment.

FEDEX GROUND | SOFTWARE DEVELOPER | PITTSBURGH, PA

Apr 2015 – Sept 2015

- Merged the backend operations of FedEx Smart Post (**FXSP**) into FedEx Ground (**FXG**).
 - o Developed a **JMS Consumer and Producer** to distribute data between FXSP and FXG.
 - o Optimized the inbound message rate by utilizing **Spring's TaskExecutor** and **Scheduler** to create a JMS Queue via **Spring's JMSTemplate**.
 - o Built a contract-first **SOAP Web Service** for distribution of packages within FedEx Agencies.
 - o Implemented the **DAO Design Pattern** using the **Spring-JDBC** framework.
 - o Developed and executed **JUnit** Test Cases for FXG
 - o Used **log4j** for logging, **SVN** for version control and **Maven** for building and deploying the application to **Oracle WebLogic 10g** servers.
- Created Software Requirements & Specifications to enhance and migrate a SOAP Endpoint from **WebSphere** to **WebLogic 10g**.

PROJECTS

TRANSACTION MANAGEMENT PROJECT | COGENT INFOTECH CORP

Nov 2014 – Jan 2015

- Built the entire stack for the project's transactions page using **Spring** as a controller, **Hibernate** as the Model and **JSF/PrimeFaces** as the View (MVC Design Pattern).

CAPSTONE PROJECT: NEW MOTION ROBOTICS

Jan – Apr 2014

- Built a **Voice Controlled Robotic Arm** prototype for a rehabilitation expert, to perform daily living activities.
- Developed the grammar mapping between the voice recognition software and the robotic arms internal language.
- Designed and assembled the test harness for the final project demo.

URBAN ASSEMBLER

Mar – Jun 2012

- Team Project to design and implement a **2-pass assembler** in Java, named URBAN (Universal Robust Binary Assembler-Nator)
- Responsible for implementing most of the grammar and documentation of the language semantics.

EDUCATION & CERTIFICATES

ORACLE CERTIFIED PROGRAMMER | JAVA 6

Oct 2014

Perfect Score

OHIO STATE UNIVERSITY

May 2014

Major: Bachelor of Science in Computer Science Engineering

Minor: General Business

DELHI PRIVATE SCHOOL

May 2010

6 years of continued Academic Excellence