

Summary of Experience

- Over **6.6 Years** of professional experience in **Java Enterprise / Web Application** development with **Linux** environment.
- Experience in develop/manage Object Oriented, Enterprise and Web-based Applications.
- Proficient on **Java Design Patterns**.
- Work with **Spring, Hibernate and MySql**.
- Extensive knowledge in **Spring IOC, Spring Hibernate template** and **Spring Data JPA**.
- Hands-on experience in **REST** web service.
- Proficient on **Data Structures** and **Algorithms**.
- Hands on experience in **Exception Handling, Multithreading** and **Collection Framework**.
- Hands on experience in creating **Hibernate mapping** file, writing various **HQL** queries, and used **Criteria** for reporting.
- Hands on experience in scheduling various job using **Quartz Scheduler**.
- Have basic understanding of **Microservices & Spring Boot**.
- Hands on experience in working with **Spring MVC** architecture.
- Hands-on experience with Logging (**Log4j**), and Unit Testing using the **JUnit**
- Work with **Maven tools** and **JBoss AS** (application server).
- Hands on experience in **SQL** like **DDL, DML** and writing various complex queries using **SubQuery** and **Join**.
- Created various report using **Jasper** reporting tool.
- Work independently with minimal supervision and full ownership.

Work History & Experience

- Working as a **Senior Software Engineer** at **HP Inc. R&D** Bangalore (Payroll: Tek System India) from **Sept 2017 to till date**.
- Worked as a **Senior Software Engineer** at **Happiest Minds** Technologies Pvt. Ltd. Bangalore from **Nov 2014 to Sept 2017**(Acquired **Cupola** Technology Pvt. Ltd. Bangalore in **May 2017**).

Project #1 – Views

Description:

Views is an interface for user to access printer resources and perform various operations. This is specific component which interact with Formatter & IO component and perform the various operation like accessing job details, accounting, downloading report, firmware download/upload, printing images and lot more.

Technologies: Java, JSP, JavaScript, HTML, JNI, Corba

Responsibilities:

- Taken ownership of this project and responsible to deliver the requested functionality.
- Analyze the existing behavior, create new and modify existing functionalities on customer's request.
- Integrate new functionality JNI and Corba
- Fix highest no. of issue per year.
- Manage Views for more than 10 products.
- Modify alert message algorithm.

Project #2 - oneLFP (One Large Format Printing)

Description:

oneLFP is a web application design to reduce/automate the developer work. This application provides user interface where user can perform various action like download printer log, restart printer, generate firmware release, create and build sandboxes and lot more...

Technologies: J2SE/J2EE-1.7, Spring-3, Hibernate-3, Angular JS, JavaScript, HTML, WildFly-10.x, MySql-5.6, Maven

Responsibilities:

- Design architecture and develop end to end solution for this project.
- Written DAO layer using spring hibernate template.
- Implemented core business logic using core java.
- Involved in creating web pages using Angular Js.

Project #3 – EWS

Description:

EWS is an interface for user to access printer resources and perform various operations. This is specific component which interact with IO component and perform the various operation like accessing job details, accounting, downloading report, firmware download/upload, printing images and lot more.

Technologies: Angular JS and TypeScript

Responsibilities:

- Taken ownership of this project and responsible to deliver the requested functionality.
- Develop/Manage feature/issue on customer's request.
- Contribute in NPD for redesign the localization for pagination and linting error check.
- Manage EWS for more than 5 products.

Project #4 - ePAT (Enterprise Port Activation Tool)

Description:

ePAT(Enterprise Port Activation Tool) is Device Provisioning and Customer Provisioning System. It handles the three phases: **Store Configuration** (or Pre-Configuration) phase where the devices get the latest firmware, configuration and fixed IP before field deployment, **Field Configuration** phase where the device Fx/Cx gets deployed in the field and needs configurations based on location basis and finally **Customer Provisioning** phase where the customer needs activation from a port of Cx. It also supports **inventory management**, web service-based interfacing between the module, **Reporting**, Multiple city support and Portable module design.

Technologies: J2SE/J2EE-1.7, Spring-3, Hibernate-3, Angular JS, JavaScript, HTML, WildFly-10.x, MySql-5.6

Responsibilities:

- Involving in various meeting to discuss regarding deployment architecture, Module design, Process FLOW of each module.
- Designed high-level and low-level approach document to implement various module like Field, SME support, Replacement, Relocation.
- Designed above mentioned architecture based on web service interfacing using spring 3 MVC.
- Written DAO layer using spring hibernate template.
- Implemented core business logic using core java.
- Involved in creating web pages using Angular Js.
- Implemented DAO layer of reporting module using spring data mongo db.

Project #5 - PAT (Port Activation Tool)

Description:

PAT (Port Activation Tool) is Device Provisioning and Customer Provisioning System. It handles the three phases: **Store Configuration** (or Pre-Configuration) phase where the devices get the latest firmware, configuration and fixed IP before field deployment, **Field Configuration** phase where the device Fx/Cx gets deployed in the field and needs configurations based on location basis and finally **Customer Provisioning** phase where the customer needs activation from a port of Cx.

Technologies: J2SE/J2EE-1.7, Hibernate, EJB-3.0, JSF-2.0, Primfaces, JavaScript, HTML

Responsibilities:

- Worked on Core Java and its libraries in creating the java web application's business Logic.
- Used EJB to handle the business logic and managing data.
- Used Hibernate Tools to create various POJO Classes, .hbm files for Hibernate ORM.
- Written HQL queries Criteria of Hibernate during implementing the Data Access Layer.
- Used the various Complex data structures in collections Framework in Java for building the Business Logic.
- Built the business logic using Entity Beans, Session beans and business objects.
- Wrote complex SQL queries for the various Reporting.
- Used JSF with Primfaces to create the attractive and responsive UI.
- Used JavaScript for client-side validations of input data.

Project #6 – Deferred

Description:

Deferred is separate system designed for handling the configuration of devices which get failed or Unreachable while doing major activity in **PAT**. It handles the three phases like Auto **Configuration** phase where the devices get configured whenever comes reachable, **Force Stop** phase where the user can stop devices Fx/Cx and gets updated resources properly in PAT engine. **Retry** phase where the user can increase the time to let the Deferred keep trying for specific time interval.

Technologies: J2SE/J2EE-1.7, Hibernate, EJB-3.0, JSF-2.0, Primfaces, JavaScript, HTML, Jboss-AS-7.1.1, MySql-5.6

Responsibilities:

- Designed high-level and low-level approach document to implement this module.
- Created FLOW architecture for this module.
- Used Hibernate Tools to create various POJO Classes, .hbm files for Hibernate ORM.
- Written HQL queries Criteria of Hibernate during implementing the Data Access Layer.
- Used the various Complex data structures in collections Framework in Java for building the Business Logic.
- Used JSF with Primfaces to create the attractive and responsive UI.
- Used JavaScript for client-side validations of input data.

Project #7 - Report Engine

Description:

Report Engine is an enhancement module of **PAT** which is supporting **MQ report, Customer Vlan Locking and GIS**. This engine holding the data related to devices and customers. If any activity happened in PAT. In MQ report, we are generating the report in Excel format and uploading in FTP server. In Customer Vlan Locking, while any change happening to device/customer then call third party web service to lock/release customer vlan at BRAS with required data. In GIS, calling web service of third party with latitude and longitude to verify the Geo-graphical position of devices and updating data to PAT system via web service.

Technologies: J2SE/J2EE-1.7, Spring Core, Spring Data Mongo DB, Jboss-AS-7.1.1, MongoDB

Responsibilities:

- Understand requirement and create high/low level designed document to expose this module.
- Created architecture for this module using spring-3.0.
- Written services client to hit different third-party services.
- Created various pojo classes.

- Written logic to instantiate the mongo template bean.
- Used spring mongo template to storing data in MongoDB.
- Implement core business logic to meet the requirement.