



- ✓ Design UI for the website of the institute
- ✓ Teaching French language to A1 level learners

Other Relevant Information

Main Projects:

1. MITRO (Maintenance notification web application for Orange Business Services, France)

Team Size: 14(8 Developers +3 Testers+ 2 Team leads + 1 Project Manager) **Role:** Developer

Description: Maintenance data of different routers of the company from all around the world is collected at central database through DB jobs. Maintenance data is then processed to show in the web application. Customer Relationship Managers and customers can see their maintenance data on the portal. Other applications also want to see maintenance data of customers from time to time which is exposed to them data via SOAP & REST services.

Tools & Technologies: Java 7, Angularjs 1.x, Spring REST, RESTful webservices, SOAP webservice, PL SQL, Oracle 11g, Sqldeveloper 4.0, SOAP UI, Jenkins, Unix, Putty, iCal4j, Apache POI, Joda-Time, Atom, browser-sync

Responsibilities: Development of web services (SOAP), fixing defects and adding new features to GUI in Angularjs. Create procedures and functions in PL SQL, Improve the application performance, writing design document, Writing & conducting unit tests, reviewing code of junior team members & Excel & calendar files handling in Apache POI library and ical4j in Java.

2. Pahari Network (A Spring Boot based project) – [Github Link](#)

Description: A basic social network website having minimal features, developing in Spring boot. A person can register and after email verification can log in to the website. The user can see status updates, view/edit his profile and others profile.

Tools & Technologies: Spring Boot, Spring Data JPA, Hibernate, Java 8, JSTL, JS, Velocity template, JUnit4

Responsibilities: All the Project code & Unit tests

3. Email Notification System for Orange Business Services

Team Size: Team Size: 4 (3 Developers+1 Testers) **Role:** Module Lead

Description: Development of email notification system from scratch. A new maintenance or rescheduled maintenance occurring in the network is communicated to the Customer via email (timing and frequency of emails depends upon the type of maintenance). An Excel file (.xlsx) & a Calendar file (.ics) having details of maintenance are sent as attachments in the email.

Tools & Technologies: Java 7, Spring 4(Core, Jdbc, Aop), Gradle Eclipse Plugin-Buildship, Junit, Eclipse, PL SQL

Responsibilities: Requirement understanding, high level design & provide estimation of development time. Decide the technology stack for development. Created basic project structure and guided junior developers

4. Development of Web based Check Truncation System(CTS) for Union Bank of India

Team Size: 19(12 Developers+4 Testers+1 Team Lead+1 Project Manager+1 Consultant) **Role:** Developer

Description: Agile development of Image-based Clearing System for faster clearing of cheques for a leading public sector bank of India. Cheque images and their magnetic ink character recognition (MICR) data have to be captured at the collecting bank and electronically transmit to the Clearing House of India(CHI), which then will be processed by NPCI(National payment Corporation of India). Cheques are sent in form of img files and cheque details as xml

Tools & Technologies: Java 7, Spring 4, Hibernate 4, JQuery, JSP, JSTL, Maven, IBM RAD, Websphere AS7, DB2 v 9.5, Windows server 2008, Libraries used: Tesseract OCRing API, log4j, dom4j, Crystal Reports

Responsibilities: Developed the front end in JSP, Javascript, JQuery, CSS and Apache Tiles. Developed Outward Clearing Module of the application (i.e. When Cheques are sent for payment to other banks). Used Tesseract OCRing for reading MICR data from Cheque images. XML file reading and writing using Java.

5. Anomaly Based Intrusion Detection System

Description: An Anomaly-Based Intrusion Detection System, is a system for detecting computer intrusions and misuse by monitoring system activity and classifying it as either normal or anomalous. The classification is based on heuristics or rules, rather than patterns or signatures, and attempts to detect any type of misuse that falls out of normal system operation

Tools & Technologies: Java, Jnetpcap, Java Swing

Responsibilities: Used Open source Library Jnetpcap for capturing packets on network. Used anomaly detection algorithm based on Gaussian probability distribution. It is trained to detect anomalies occurring in the server like Denial of Service attacks.

6. CIS Restful API for Orange Business Services- Current Project at Sopra Steria

Team Size: 2 (1 Developers+1 Tester) **Role:** Developer

Description: Removing the existing DB Links and replace them with RESTful Webservices for a French Telecom company.

Tools & Technologies: JAX-RS, Spring MVC, Hibernate, Spring Data JPA, JSON, WADL, tomcat 7

Responsibilities: Design and development of all the project code.

Honors and awards:

- On-The-Spot Award from Tata Consultancy Services for fixing a very critical bug in the application
- Best Team Award from Tata Consultancy Services for development of Cheque Truncation System
- Appreciation from Client Team for introducing significant performance improvement in MITRO App

Strong Points:

- Good Understanding of the REST architectural style and HTTP
- Good knowledge of Garbage Collection & Multithreading in Java.
- Good Hands on experience of Spring Framework, spring boot & Angular 2&4

Certifications:

- Oracle Certified Java 7 Associate Programmer
- Mongo DB for Java Developer Certification
- DELF A2 in French Languages

Languages:

- Hindi (native)
- English (advanced)
- French (intermediate)

Note: I hereby allow my CV to be used for the purpose of recruitment.