SUMEDH CHAKRAVORTY

Mobile: 7349369269

Mail: sumedh.chakravorty@outlook.com

LinkedIn: https://www.linkedin.com/in/sumedh-chakravorty/

AN OVERVIEW

- **Full Stack Developer with 4 years' experience.**
- Currently working with **Oracle**.
- Tech stack: Oracle JET, Oracle VBCS, React , Spring, Spring Boot, Hibernate, Core Java, Cloud
- **HarvardX Certified – CS50m - Mobile App Development with React Native**
- Certified **MCSE: Cloud Platform and Infrastructure in Azure.**
- **IBM Certified Application Developer - Cloud Platform v2**
- Excellent Communication & Interpersonal Skills with proven abilities in implementing complex business solutions.

WORK EXPERIENCE

November 2017– Present, Senior Consultant   Oracle

- Developed multiple complex **web components** for projects as re-usable assets using Oracle JET and Oracle VBCS
- Helped in building technical skills across internal teams at Oracle by conducting various **training sessions** on Oracle JET and VBCS.
- Helped customers and internal teams with complex technical challenges by providing sample apps and recommending **architectural patterns**.
- Screening and Onboarding consultants for the team by participating on weekend drives and conducting telephonic **interviews**.
- **Designed mobile and web application** for newly trained Oracle JET and VBCS consultants with real project use-cases by designing UI architecture, Backend systems and Database models.
- Developed re-usable assets and design patterns for **offline persistence** in web and mobile apps by using Oracle Offline Persistence Toolkit.
- Developed front-end for multiple solution sets using Oracle VBCS.
- Developed scheduler backend using **Quartz** in Spring Boot along with an intuitive, ready-to-deploy UI based on Oracle JET
- **Mentored consultants** to make them project-ready by guiding them to implement common use-cases
- Performed **Pre-sales** activities by implementing custom requirements in short period of time for customer demos.

- Participated in **effort estimation** activities for new bids on VBCS and JET.
- Improved **web app performance** by 30% by bundling resources, caching static assets, enabling gzip on servers and making API calls in parallel or caching them wherever possible.

September 2015 – October 2017, Project Engineer

- Successfully delivered multiple medium-to-critical business requirements on **SAS eGRC 4.3** and **J2EE** application.
- Understanding requirements for enhancing Operational risk tool for client.
- Data masking activity for UAT testing, helped in designing strategy for making Data masking activity client compliant.
- Followed **Agile/Scrum** methodology for software development. Familiar with **JIRA** and Agile ceremonies.
- Took ownership of Sprint activities which include task effort estimation, regular status update share with teammates, guiding junior resources in completing their assigned tasks.
- Providing delivery item demo to clients for sign-off and walk-through to L2 team.
- Designing manual activities and coordinating the same with L2 and L1 teams while performing them in production.

ACADEMIC CREDENCIALS

2011 – 2015, B. Tech., Electrical Engineering   Jalpaiguri Government Engineering College
- Major: Electric Machines, Power Systems, Control Systems, Power Electronics
- **DGPA: 8.66** (Among top 3 in class)

2009-2011, XII - Boards   West Bengal Council of Higher Secondary Education
- Physics
- Mathematics
- Chemistry
- Computer Science
- **Percentage: 80%**

CERTIFICATIONS AND ACHIEVEMENTS

- Shining Star Award - Oracle 2018 Q4
- Awarded scholarship for **academic excellence** by the members of State Electrical Engineers' Association West Bengal
- SPOT award – Oracle 2018 Q1
- Awarded as **Luminous performer for delivering critical POC** to business.
- Completed and Certified in CS50M – Introduction to mobile app development using **React native** from **Harvard**

- [Certification 70-532 Developing Microsoft Azure Solution](#)
- [Certification 70-533 Implementing Microsoft Azure Infrastructure Solutions](#)
- [Certification 70-534 Architecting Microsoft Azure Solutions](#)
- [IBM Certified Application Developer - Cloud Platform v2](#)
- [MCSE: Cloud Platform and Infrastructure — Certified 2017](#)

PROJECT OVERVIEW

Title: **SGS Online**
Client: SGS
Duration: 11 months
Role: Developer/Design
Background: SGS provides testing, inspection and certification services to businesses all around the world. Currently, they receive service requests in word/excel documents which are difficult to manage and prone to human error. We provided a platform for SGS where they can build forms dynamically by specifying the form metadata in JSON format. The Dynamic form should support all standard input fields along with dynamic table, dynamic LOVs with rich client side validations (regex, min-max etc).

A Customer portal for SGS where they can sell testing and Inspection service their clients. SGS does business with Walmart, Target, Boeing, Macy's and several smaller businesses. I was responsible for developing screens for ticket, dashboard, document and service modules using **Oracle VBCS**. I developed dynamic forms for the service module which are configurable using JSON metadata. SGS Support can create form metadata in the backend and it will be available based on account/industry specified. Rich client side validations/ navigation across form sections. Among other features, we have live chat with SGS support, document management using Oracle Content and experience cloud (CEC), dashboard with reports from BIP services, notification (with polling) etc.

Title: **Application and Certification for Oracle Fusion SaaS extension**
Client: Internal
Duration: 2.5 months
Role: Developer

It's a blueprint for future PaaS for SaaS extensions using **Oracle JET**. I was responsible for developing 2 complex screens for creating, editing applications and certification requests. Setting up **RBAC** for the front-end. Created complex editable table (core functionality in Oracle Fusing apps) using JET table component. Understanding the business solution and implementing complex technical requirements. Implementing complex invoicing logic in **java**.

Title: **Implus Feedback**
Client: Deutsche Bahn
Duration: 3 months
Role: Developer

I was responsible for developing the front-end of the web app and backend REST services. It's a single page application with 14+ medium to low complexity screens. Making sure the app is responsive and accessible across mobile, tab and desktop devices as well as cross-browser compatibility.

Making sure the app is secured against **SQL injections, XSS**. Developed **Quartz** based scheduler for data sync between Oracle HCM and feedback app with options for creating, updating, deleting and triggering one-time and scheduled jobs.

Title: **SORT (Standard Operational Risk Tool)**
Client: Union Bank of Switzerland
Duration: 1 year

SORT is an implementation of Operation Risk Framework which is used organization wide for governance and mitigating Operation Risk. SORT is based on **SAS eGRC 4.2** , a leading operational risk tool in market alongside the customization provided by wipro technologies. I was responsible for developing and customizing features on the product and implementing complex client and server side business rules using Java and JavaScript.

OTHER PROJECTS

Offline mobile persistence
Hybrid mobile apps with offline CRUD support via **Oracle Persistence Toolkit**. User can perform CRUD ops when offline and the same will be sync'd when network is available. Created standard how to use document, it got showcased in **EMEA dev Geeks Community** and became a standard asset across digital team.

Letter of credit
A new payment mode (predominantly used in Middle Eastern countries) for purchase orders raised in Oracle ERP. It's a SaaS extension developed using **VBCS** (for UI as well as PaaS database and REST) and ICS for data integration. I developed custom REST APIs on BO for implementing business logic, amount calculation. Created a standard template for importing data into Business Objects using custom groovy and OOTB batch APIs – critical to the success of the solution.

GET TO KNOW ME

        In my current role as a **VBCS and JET SME**, I work with multiple customers to understand their business needs and propose a UI architecture. I closely work with internal teams at Oracle to resolve escalations of technically complex nature. Every day, I'd be spending close to 2 hours understanding technical challenges in several of my team projects and provide them a working solution or guide them to proper resources. Apart from the Oracle technologies mentioned, I immensely enjoy working with open sourced frameworks and tools. My current obsession being **React** and **Spring Boot** – I admire their simplicity yet the power to implement powerful designs. I like to learn from the best – hence I always choose courses from the best universities in EDX, you can find the course details on my LinkedIn . I love writing clean code and enjoy designing re-usable and efficient components. I thoroughly enjoy learning and I do it very quickly which has made me the 'goto person' in my team for all things related to web and java/spring. I occasionally write on Medium.