CHIRAG BANGERA
Software Engineer

+91 9930403449 • chiragbangera007@gmail.com

www.linkedin.com/in/chirag-bangera-894949201 | https://my-archive.net/portfolio

PROFESSIONAL EXPERIENCE

ORACLE CORP.   **Mumbai, India**
Software Engineer   **AUG 2022 - Present**
- *Java, Oracle SQL, Bash, Spring boot, RESTful APIs, JUnit, Jenkins CI/CD, Microservices*
- Developed highly scalable **RESTful APIs** for Enterprise-grade **Microservices** using **Spring boot,** following the **12-factor app** methodology. Consumed third-party **SOAP** based web services by generating client stubs using **WSDLs**.
- Collaborated with cross-functional teams and utilized standard **design patterns** to implement **Business Logic** for Oracle's Digital Banking web application. Integrated the system with message brokers like **IBM MQ** using **JMS** for asynchronous data processing and event handling.
- Identified bugs through unit testing using **JUnit** and utilized **bash scripting** to analyze logs and resolve critical **Java**, **SQL** and **ORM/JPA** issues. Engaged in on-call rotation during events of critical **production incidents** and provided technical support.
- Built and maintained **CI/CD** pipelines in **Jenkins** and integrated it with **Subversion** for automating **Gradle** application build, testing and continuous deployment over **OCI** cloud servers.
- Actively contributed to 3 concurrent projects and guided a team of junior developers to ensure timely delivery of all modules with **design documentation** & **minimal technical debt**, across all phases of the **agile** software development life cycle.
- Automated routine tasks by implementing **bash cron jobs** and **groovy load scripts**, leading to an efficiency gain up to 80%.
- **Represented my team** at a client location and played a pivotal role in setting up, configuring and deploying Oracle's applications onto client's UAT, SIT and Production environments.
- Collaborated with Business Analysts to set up a framework for generating high-fidelity user-interaction reports using **Oracle BI Publisher**. Crafted performant SQL queries for generating data models to optimize **real-time report generation**.

SKILLS

LANGUAGES : JAVA, SQL, PL/SQL, Bash, Python, XSLT, C#, Typescript
FRAMEWORKS / ARCHITECTURES: Spring boot, SOAP/REST, Hibernate and EclipseLink (JPA), React, Microservices, JMS
TOOLS : Gradle, JUnit, Docker, Postman, Jenkins CI, Github Actions CI/CD, GIT, Subversion, NGINX, Oracle Database 19c, IntelliJ IDE, Eclipse IDE, SOAP UI, Oracle WebLogic Server, Oracle HTTP Server, Oracle BI Publisher
CLOUD PLATFORMS : Amazon Web Services, AWS EC2, AWS RDS, AWS Route53

CERTIFICATIONS

- ❖ **Oracle Certified Associate, Java SE 8** ⬀ (Oracle 2024)   ❖ **SQL (Intermediate) Certificate** ⬀ (HackerRank 2023)
- ❖ **Learning Linux Command Line** ⬀ (LinkedIn 2023)

PROJECTS

My Archive - Web Application | *Website link*
- A personal digital archive where users can upload and maintain content related to games, movies etc.
- Containerized the Spring Boot and React applications using Docker and utilized Github Actions CI/CD pipeline for seamless build, unit & integration testing and deployment over the cloud AWS EC2 instance.
- Leveraged AWS RDS (PostgreSQL) database cloud service for scalable, secure, and efficient data retreival.
- Registered and hosted the domain on AWS cloud using Route53.

Intoxication Detection Mobile App
- Developed using the Flutter framework, this mobile app employs a series of 3 neurocognitive tests to assess the user's reaction time and accuracy for determining their intoxication state using logistic regression.
- Implemented a robust authentication and registration system using Firebase, ensuring a streamlined and secure user journey.
- Leveraged Google Maps' geolocation APIs & Whatsapp APIs to facilitate location sharing and location-based cab booking.

POSITIONS OF RESPONSIBILITY

HEAD OF CREATIVES | TCET, Institute Committee   **AUG 2020 - NOV 2020**
EDITORIAL DIRECTOR | Rotaract Club of TCET   **AUG 2019 - JUL 2020**

EDUCATION

THAKUR COLLEGE OF ENGINEERING AND TECHNOLOGY   **Mumbai, India**
Bachelor of Engineering - Computer Science - GPA - 9.25   **2018 - 2022**