

CHIRAG BANGERA

Software Developer

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<https://my-archive.net/portfolio>

PROFESSIONAL EXPERIENCE

ORACLE

Mumbai, India

Software Developer

AUG 2022 - Present

Java, SQL, Bash, Spring boot, JUnit, RESTful APIs, SOAP, Jenkins CI/CD, Microservices

- Planned, designed and implemented core Business Logic and developed robust, highly scalable RESTful APIs in Java using Spring boot and Microservices, following the 12-factor app methodology & design patterns
- Identified bugs through testing using JUnit, utilized bash scripting to analyze logs and used debugging tools to resolve critical Java code, SQL and ORM issues, thus ensuring system stability and minimizing disruptions
- Actively contributed to 3 concurrent projects and ensured timely delivery of all modules with design documentation & minimal technical debt, across all phases of the agile software development life cycle
- Implemented an automated process to initialize VNC servers daily, leading to an efficiency gain of 93.3%
- Represented my team at a client location and played a pivotal role in setting up, configuring and deploying Oracle's product on client's UAT, SIT and Production environments

CILLYFOX

Mumbai, India

Game Developer Intern

JUN 2021 - AUG 2021

C#, Javascript, Blender, UI/UX, Debugging, Testing

- Designed and developed 3 Mixed Reality (MR) games from scratch in Unity Engine for MR Headsets
- Coded dynamic game-logic and UI using C# and Javascript, built 3D interactive models using Blender software
- Optimized internal gameplay mechanics and functionalities, enhancing the overall UX
- Conducted rigorous testing to troubleshoot and resolve bugs related to user interactions

SKILLS




LANGUAGES : JAVA, SQL, PL/SQL, Bash, XSLT, C#, Javascript, Typescript

FRAMEWORKS / ARCHITECTURES / APIs : Spring boot, SOAP / REST, Hibernate, EclipseLink (JPA), React, Microservices, JMS

TOOLS : Gradle, JUnit, Docker, Github Actions CI/CD, Postman, Jenkins CI, Oracle Database 19c, IntelliJ IDE, Eclipse IDE, SOAP UI, WebLogic Server, BI Publisher

CLOUD TECH : 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

POSITIONS OF RESPONSIBILITY

HEAD OF CREATIVES | TCET, Institute Committee

AUG 2020 - NOV 2020

EDITORIAL DIRECTOR | Rotaract Club of TCET

AUG 2019 - JUL 2020

PROJECTS

My Archive - Web Application | [Website link](#) | [Website link 2](#) | [Github repository](#)

- Java, Spring boot, Typescript, React, PostgreSQL, Docker, AWS EC2, RDS, Route53
 - 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 and deployment on the cloud AWS EC2 instance
 - Leveraged AWS RDS (PostgreSQL) database cloud service for scalable, secure, and efficient data retrieval
 - Registered and hosted my domain on AWS cloud using Route53

Intoxication Detection Mobile App | [Github repository](#)

- Flutter, Dart, Firebase database, UI/UX, Firestore authentication
 - 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
 - Implemented a robust authentication and registration system using Firebase, ensuring a streamlined and secure user journey
 - Leverages Google Maps' geolocation APIs & Whatsapp APIs to facilitate location sharing to contacts and location-based cab booking

EDUCATION

THAKUR COLLEGE OF ENGINEERING AND TECHNOLOGY

Mumbai, India

Bachelor of Engineering - Computer Science

2018-2022

- CGPI - 9.25

PROF. M H KALRA JUNIOR COLLEGE OF SCIENCE

Mumbai, India

Higher Secondary School Certificate

2017-2018

- 88.77 %

OXFORD PUBLIC SCHOOL

Mumbai, India

Secondary School Certificate

2015-2016

- 98.20 %

ACHIEVEMENTS

- ★ Technical : Cleared all rounds of InfyTQ programming examination and earned the title of Infosys Certified Software Programmer
- ★ Creative : Runner-up - Codeless Web Designing in an institute-wide event
- ★ Literary : Runner-up in a multi-round book review competition

HOBBIES & INTERESTS

- ☒ Gaming, Swimming, Trekking, Formula 1