

# CHIRAG BANGERA

## Software Developer

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

### PROFESSIONAL EXPERIENCE

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#### ORACLE FINANCIAL SERVICES SOFTWARE LTD.

Mumbai, India

##### Associate Consultant (Backend Developer)

AUG 2022 - Present

- Planned, designed and developed core Business Logic and robust, highly scalable RESTful APIs in Java for more than 25 new features, following the appropriate design patterns
- Identified bugs through testing, utilized bash scripting to analyze logs and used debugging tools to resolve critical issues, thus ensuring system stability and minimizing disruptions
- Actively contributed to 3 concurrent projects and ensured timely delivery of all modules with minimal technical debt
- Implemented an automated process to initialize VNC servers daily, leading to an efficiency gain of 93.3%
- Represented my department at a client location and played a pivotal role in setting up and configuring Oracle's banking application on client's UAT, SIT and Production environments

#### CILLYFOX INC.

Mumbai, India

##### Game Developer Intern

JUN 2021 - AUG 2021

- Developed 3 Mixed Reality (MR) mini-games from scratch in Unity Engine for MR Headsets
- Created dynamic game-logic using C# and built 3D interactive models using Blender software
- Optimized internal gameplay mechanics and functionalities, enhancing the overall user experience
- Conducted rigorous testing to identify and resolve bugs related to user interactions

### SKILLS

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




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

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

**CLOUD TECH** : AWS EC2, AWS RDS, AWS Route53

### CERTIFICATIONS

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

### POSITIONS OF RESPONSIBILITY

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**HEAD OF CREATIVES** | TCET, Institute Committee

AUG 2020 - NOV 2020

**EDITORIAL DIRECTOR** | Rotaract Club of TCET

AUG 2019 - JUL 2020

## PROJECTS

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

- Spring boot, React, PostgreSQL, Docker, AWS EC2, RDS, Route53, NGINX Reverse Proxy
  - A personal digital archive where users can upload and maintain data related to games, movies, books, etc
  - Containerized the Spring Boot and React applications using Docker and utilized Github Actions CI/CD workflow for seamless build and deployment on AWS EC2 instance.
  - Leveraged AWS RDS (PostgreSQL) database cloud service for scalable, secure, and efficient data retrieval.
  - Registered and hosted my domain on AWS using Route53

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

- Flutter, Dart, Firebase database, 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.
  - The algorithm then analyzes the results to determine the user's alcohol intoxication state.
  - Has a feature for sharing the current location to any of the user's contacts using Whatsapp API
  - Consumes google maps API for booking a cab from the user's current location to their saved plus code

## EDUCATION

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**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

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- ★ 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

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- ☒ Gaming, Swimming, Trekking, Formula 1