

CHIRAG BANGERA

Software Development Engineer

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PROFESSIONAL EXPERIENCE

ORACLE FINANCIAL SERVICES SOFTWARE LTD.

Mumbai, India

Technical Associate Consultant (Backend Developer)

AUG 2022 - Present

- Planned, designed and executed the development of core Business Logic and robust, highly scalable RESTful APIs for more than 25 new features, in a fast paced, high-intensity work environment
- Identified and resolved 10+ critical bugs, 3 within the production environment, ensuring system stability and minimizing disruptions
- Actively contributed to 3 concurrent projects over a four-month period and ensured timely delivery of all components with minimal technical debt
- Implemented automation for starting over 45 mock servers daily, thus resulting in an efficiency gain of 93.3%
- Represented my department at a client location and played a pivotal role in the seamless installation of the banking application and subsequent build deployments on application servers and web servers

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 models using Blender software
- Optimized core gameplay mechanics, enhancing the overall user experience
- Conducted rigorous play-testing to identify and resolve bugs related to user interactions

UINSPO RTS INC.

Quebec, Canada

Graphic Designer Intern

JAN 2021 - APR 2021

- Created digital posts, posters, graphics and art for all company platforms, including social media, websites, email campaigns, resulting in a 40% increase in social media engagement
- Collaborated with company founders and effectively managed time zone differences to meet project deadlines

SKILLS

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

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

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

CLOUD TECH : AWS EC2, AWS RDS, AWS Route53

POSITIONS OF RESPONSIBILITY

HEAD OF CREATIVES

AUG 2020 - NOV 2020

- TCET, Institute Committee
 - Led a team remotely during the COVID-19 lockdown, responsible for the digital promotion, as well as the design and production of digital posters and videos for the annual college fest

EDITORIAL DIRECTOR

AUG 2019 - JUL 2020

- Rotaract Club of TCET
 - Served as head of the Editorial Domain and led a team of writers and editors, delegating tasks with respect to managing all aspects of club publications, including newsletters, blogs, and social media content

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 %

PROJECTS

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

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

Intoxication Detection App | [Github repository](#)

- Flutter, Dart, Firebase database, Firestore authentication
 - A Software based solution to detect driver's alcohol intoxication state, thus preventing DUI accidents
 - Detection algorithm comprises 3 neurocognitive tests which evaluates the user's reaction time & accuracy
 - 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

ACHIEVEMENTS

- ★ Technical : Cleared all rounds of InfyTQ programming certification 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