

RISHAB PANDEY

Mumbai , Maharashtra

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Education

University of Mumbai

Bachelor of Engineering in Electronics and Telecommunications-9.2 CGPA

Aug. 2019 – May 2023

Mumbai, Maharashtra

Maharashtra State Board of Higher Secondary Education

Higher Secondary Education(Science)-82%

Sep. 2017 – May 2019

Mumbai, Maharashtra

Experience

Oracle India Pvt Ltd.

Software Engineer

June 2023 – Present

Mumbai, Maharashtra

- Developed and customized client API's using **Core Java**, **Spring Boot**, **Jakarta**, and **Oracle Database**, including solutions for **multi-account user information updates**, **new account creation**, **seamless onboarding**, and **secure fund transfers**.
- Conducted **functional**, **integration**, and **performance testing** of APIs, leveraging tools like **JMeter** for **benchmarking**, **load testing**, and bottleneck identification to ensure **high throughput** and **low latency**.
- Monitored and **optimized API performance metrics**, implementing fixes to enhance **scalability**, **reliability**.
- Collaborated on **frontend enhancements** with **JavaScript**, utilized **SVN** for **version control**, and worked extensively in **Linux environments** to streamline development workflows.

Streak (YC 2022)

Backend Developer

Feb 2023 – June 2023

Mumbai, Maharashtra

- **Optimized database performance** by implementing **ETL (Extract, Transform, Load)** techniques, improving query efficiency and reducing processing time.
- Assisted in **migrating backend code** from **Golang** to **Python (Django)**, ensuring feature parity, improved maintainability, and seamless integration with existing systems.
- Worked on **AWS Lambda** functions and **S3 storage** to deliver serverless data processing and storage solutions.
- Applied **software design patterns** to create **loosely coupled**, **modular codebases** and configured a **Grafana dashboard** to monitor API performance metrics, replacing **CloudWatch** for improved visual

Projects

Electronic Health Record | *Python, FastApi,JWT ,oAuth*

April 2023

- Built a lightweight **EHR** system with **FHIR**-compliant database enabling participation in **ABHA**.
- Singlehandedly handled **backend** using **FastAPI**, **MongoDB**, **OAuth**, and **JWT**.
- Built as part of a **hackathon**, demonstrating rapid prototyping skills and the ability to deliver functional healthcare solutions under time constraints.

Fadustry | *Flutter, Android Studio*

June 2022

- Built an **e-commerce Flutter** app for farmers to buy and sell agricultural waste.
- Added features to set product **quantity** and **quality** for transparent transactions.
- Enabled viewing of potential **industrial reuse** to promote waste reduction at source.

Kitchen Waste Management | *Java, Eclipse, JavaServlet , Sql*

October 2021

- Developed a dynamic **kitchen waste management** web application using **Java Servlets** for enhanced security, reliability, and speed.
- Implemented **CRUD** features allowing users to log in, create, share, and manage posts on waste reduction.
- Enabled a community-driven platform where users can exchange ideas to minimize kitchen waste.

Technical Skills

Professional Skills : Communication, Research and Analysis, Fast Execution, Adaptability, Negotiation

Languages: Python, Java, PL/SQL, SQL ,MongoDB, C++

Developer Tools: VS Code, Eclipse, GitHub , AWS

Technologies/Frameworks: Linux, Docker , Django, Springboot

Leadership / Extracurricular

- Served as an **NSS Volunteer** in college, contributing to community service initiatives.
- Participated as an **Oracle Volunteer** in corporate social responsibility activities.
- Co-founded **TCET Opensource**, an open-source community at college to promote collaborative development.
- Worked as **Web Lead** for **Google Developer Student Clubs**, leading campus web development initiatives.