

Ayush Dixit

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🐙 Github | 🔗 LinkedIn | 📄 Leetcode

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL, PL-SQL

Technologies & Tools: Oracle Cloud, AWS, Django, Redis, Celery, Kafka, RabbitMQ, DynamoDB, Grafana, Prometheus, MySQL, PostgreSQL, HTML, CSS, React, Next, FireBase, Flutter, Postman, GIT, Docker

Work Experience

Oracle, Bangalore

Aug 2024 - Present

Associate Engineer

- Engineered an AI Agent integrated with Oracle Fusion SCM to analyze 1,000+ delayed Purchase Orders in real-time, predicting shipping issues with over 85% accuracy and reducing supply chain disruption risk by 30%.
- Architected and deployed scalable ETL data pipelines and 50+ RESTful APIs, processing over 250 GB of data daily from OCI Object Storage to improve data accessibility for key business analytics.

Scaler, Bangalore

May 2023 - July 2024

Software Engineer Intern

- Partnered with senior developers to create a real-time dashboard that improved mentor response time and support efficiency by 50%.
- Maintained application stability by leveraging AWS for monitoring and troubleshooting, contributing to 99.5% service uptime and resolving deployment-level issues.

Education

RNSIT Bangalore

Jan 2020 - June 2024

B.E. in Computer Science and Engineering

CGPA: 9.36/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Supply Chain Management, Advance Data Structures and Algorithms

Project Work

- **Real-Time Delivery Tracking (2025):**
 - Developed a real-time delivery tracking application inspired by Zomato, leveraging Django and Kafka for seamless data streaming.
 - Optimized system performance to handle 200+ concurrent connections, ensuring low-latency updates.
- **Driver Drowsiness Detection Using AI (2024):**
 - Built a Python Flask-based AI system to detect drowsy driving and mitigate road accidents.
 - Designed an alert system providing instant notifications to drivers and emergency contacts.
 - Aimed to reduce road accidents by 50% through proactive driver monitoring.
- **Task Management System(2024):**
 - Built a responsive Task Management App using Next.js 14, TypeScript, and Tailwind CSS, featuring real-time updates, smooth animations with Framer Motion, and a modern dark theme with glassmorphism effects
 - Implemented efficient state management with Zustand and created reusable UI components using Shadcn/ui, while ensuring type safety with TypeScript and deploying the application on Vercel

Awards and Certificates

- Core Member at **Google** Developers Club from 2021 to 2023.
- Knight At LeetCode (Top 5% Coder Worldwide).
- Oracle Redwood Application Developer Associate