

Om Wankhede

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Experience

Software Development Engineer I (SDE-1) (May 2025 – Nov-2025)

Modulus Seventeen (OPC) Private Limited – Bengaluru, Karnataka (On-site)

- Developed and maintained the company's **Modulus Buy** and **Modulus Sell** applications on both **web (React.js)** and **mobile (React Native)** platforms with modular, reusable UI components.
- Managed global state and optimized API data fetching using **Redux Toolkit (RTK)** and **RTK Query**, including caching and cache invalidation.
- Built type-safe forms using **TypeScript**, **react-hook-form**, and **Zod** for schema validation and seamless form handling.

MERN Stack Internship (Oct. 2024 – Mar. 2025)

JSpiders – Bengaluru, India

- Hands-on training in **MongoDB**, **Express.js**, **React.js**, **Node.js**, building full-stack apps and connecting front-end with back-end APIs.

Frontend Internship (Aug. 2023 – Oct. 2023)

Coding Thinker Private Limited – Gwalior, India

- Developed web projects using **React**, **HTML**, **CSS** and practiced **DSA** for problem-solving.

Projects

Medicine Tracker App

- Built a React Native application for medication tracking with reminders and history.
- Implemented secure authentication and real-time data storage using Firebase.
- Tools: React Native, Firebase.

Subscription Management System (Backend)

- Developed a production-ready backend using **Node.js**, **Express.js**, and **MongoDB**.
- Implemented **JWT-based authentication**, role-based access control, and protected APIs.
- Integrated **Arcjet** for bot protection and rate limiting.
- Automated **email reminders and subscription expiry notifications**.

Task Manager API (FastAPI)

- Built a secure RESTful API for task management using **FastAPI**.
- Implemented **JWT authentication**, user-specific task access, and password hashing.
- Used **SQLModel ORM** with **SQLite** and auto-generated API docs (Swagger/ReDoc).
- Tools: FastAPI, SQLModel, SQLite, JWT, Pydantic, Uvicorn.

Technologies

Languages: Python, JavaScript, TypeScript, HTML, CSS, SQL

Frontend: React.js, Next.js, React Native, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, PostgreSQL

DevOps & Tools: Docker, GitHub, Postman, VS Code


UI/UX: Figma

Education

Bachelor of Computer Applications (BCA) (July 2020 – July 2023)

ITM University, Gwalior

Achievements

- Solved **130+ problems on LeetCode** .