

TEJAS VIJAY GAWARE

Full Stack Engineer

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PORTFOLIO

tejasvijay.com

Case studies for the projects below: architecture and results.

SUMMARY

Engineer with 5+ years of turning hard, ambiguous problems into shipped products, and staying steady when things go wrong. I give honest estimates and **keep my promises, communicate early and plainly**, and **own outcomes, not just tickets**. I write **clean code others can build on**, and I **adapt fast**: new or inherited, I'll get any codebase shipping.

EXPERIENCE

Wow Internet Labz Pvt. Ltd.

2021 – 2026

Software Engineer, Backend & Blockchain

- **Decentralized exchange (Rust, Substrate)**: led major **forkless upgrades** of the live chain, resolving around **1,000 build errors**, and brought the orderbook back to working order with **no documentation**, working everything out from the code; integrated a cross chain bridge.
- **Data validation pipeline** that made marketing and POS data delivery **5× faster** across **30+ countries**.
- **AI video translation pipeline** that turned **2,816 English lectures**, each up to 2 hours long, into Hindi, Telugu, Marathi and Bengali.
- **Student work marketplace** connecting students in India, the USA and Canada with real industry projects, Fiverr/Upwork style.
- **Hiring and mentoring**: conducted **50+ technical interviews**, mostly for junior Python roles, and trained juniors on the data pipeline, the exchange and the student marketplace.

Earlier: internships

- **Reliance Industries**, Data Science Intern (2020): ML system automating chromosome **karyotyping**; security analysis app adopted across the finance department.
- **SAIG**, AI Intern (2019): integrated **one shot learning** with a GoPro video feed for **face recognition**, telling registered participants apart from non participants at a running event.

SKILLS

Languages	Rust, Python, TypeScript, JavaScript, PHP, SQL, Bash
Backend & APIs	Axum, Actix, FastAPI, Flask, REST, GraphQL, async and concurrent systems, event driven architecture, system design
Frontend	SvelteKit, React, Tauri (desktop apps)
Data & infra	PostgreSQL (TimescaleDB), MySQL, MongoDB, DynamoDB, SQLite, DuckDB, Kafka, Docker, AWS
Blockchain	Substrate runtime development, DEX infrastructure, cross chain integrations, wallets
Workflow	Git, AI assisted development with Claude Code
Editors	Neovim, VS Code

EDUCATION

M.Tech, Artificial Intelligence

MPSTME, NMIMS University, Mumbai

B.E., Instrumentation Engineering

Rajiv Gandhi Institute of Technology, Mumbai University

SPEAKING

- **Web3.0 mentor, IBC Alt Hack 2022** (Tech Mahindra campus, Hyderabad): Rust session for 300 students selected from 20,000; covered by ANI.
- Online Rust seminars for blockchain professionals.