Dharmik Vivek Shinde

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Professional Summary

Backend engineer passionate about building distributed systems, high-performance infrastructure, and secure, scalable platforms. Experienced in rapid prototyping, system design, and leading open-source projects. Active in technical communities, mentoring peers, and contributing to Linux and security-focused initiatives.

Education

Vellore Institute of Technology, Chennai   2023 – Present
B.Tech in Computer Science and Engineering   GPA: 8.62/10

Technical Skills

Languages: Go, Java, Python, C/C++, JavaScript, Bash
Backend/Frameworks: Microservices, REST APIs, WebSockets, Quarkus, Vert.x, Node.js, Express.js, Flask
Databases/Streaming: PostgreSQL, MySQL, Redis, Apache Pulsar, Apache Pinot, ClickHouse, CockroachDB, MinIO
DevOps/Cloud: Docker, Linux, AWS
Security/Systems: Authentication, Token Auth, OSINT, CTF Design, Security Automation, Tor

Experience

Backend Engineering Intern – LumiEther Research LLP   May 2025 – July 2025

- Developed and deployed backend workflows for high-concurrency, multi-user applications.
- Designed authentication modules supporting both REST and event-driven systems.
- Contributed to the reliability and scalability of distributed storage and analytics pipelines.

Chairperson – Linux Club, VIT Chennai   Apr 2025 – Present

- Leading 200+ members; organized 15+ technical workshops and hackathons annually.
- Mentored juniors and actively contributed to discussions in the public Linux forum.
- Helped establish open-source contribution tracks and improved project documentation standards.

Projects

TerminalSix – CTF Platform   Ongoing

- Open-source, self-hostable CTF platform with Docker-based challenge isolation.
- Real-time leaderboard powered by WebSockets with RBAC for admins and players.
- Tech Stack: FastAPI, Next.js, PostgreSQL, Docker

Aionos – Anti-Scam Audit System   Ongoing

- Blockchain-backed platform ensuring tamper-proof freelancer-client contracts.
- Smart contracts automate milestone tracking, delivery validation, and secure payment release.
- Tech Stack: Solidity, Web3.js, Ethereum Testnet, Next.js

CodeSmith – AI Project Bootstrapper   [GitHub](#)

- AI-driven tool leveraging local LLMs to generate boilerplate and Docker configs.
- React frontend + Node.js backend for interactive project setup and stack previews.

GoTasks – CLI Task Manager   [GitHub](#)

- Lightweight CLI in Go for developer task management with JSON persistence and color-coded outputs.