

Dharmik Vivek Shinde

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Location: Bengaluru, India

[LinkedIn](#)

[GitHub](#)

[LeetCode](#)

Professional Summary

Systems-focused engineer passionate about building fast, distributed, and scalable infrastructure. Experienced in CLI tools, asynchronous workflows, and real-time backend systems. Champion of clean code, deep debugging, and open-source contributions. Thrives in fast-paced teams that balance innovation with engineering rigor.

Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Cumulative GPA: 8.62 / 10

2023 – Present

Chennai, India

Deeksha PU College

Pre-University Course — PCMC (Physics, Chemistry, Mathematics, Computer Science)

Aggregate: 92%

2021 – 2023

Bengaluru, India

Edify School

CBSE — Secondary School Certificate (Class X)

Score: 87.2%

2020 – 2021

Bengaluru, India

Technical Skills

Languages: Go, Java, C, C++, Python, JavaScript, Dart, Bash

Frameworks: Quarkus, Vert.x, Node.js, Express.js, React, Flask, Vite

Architecture: REST APIs, WebSockets, microservices, asynchronous workflows, pub/sub, distributed systems

Data & Storage: ClickHouse, Apache Pinot, PostgreSQL, MySQL, Redis, Supabase, CockroachDB, MinIO

Cloud & Tooling: Docker, CI/CD, GitHub Actions, Postman, performance profiling, shell scripting

Security: OSINT, CTF design, token-based authentication, security automation

OS: Linux, macOS, Windows

Competencies: System design, debugging, documentation, rapid prototyping, technical leadership

Leadership & Experience

Chairperson – Linux Club, VIT Chennai

Apr 2025 – Present

- Elected to lead one of VIT's top tech communities (200+ members), organizing 15+ events.
- Advocated open-source culture, onboarding workflows, and project-driven learning.
- Revamped documentation and technical planning to improve club engineering output.

Backend Engineering Intern – LumiEther Research LLP

May 2025 – July 2025

- Engineered a high-concurrency, stateless workflow engine executing JSON-defined task flows with under 20ms latency.
- Built a secure authentication module compatible with REST and event-based channels.
- Designed and deployed a distributed backend platform to orchestrate multi-user workflows in production.
- Drove prototyping and iteration cycles in a high-trust, NDA-bound team with full code ownership.

Speaker – OSINT Workshop, CryptoClash CTF (VIT Chennai)

2024

- Delivered a practical session to 100+ participants on reconnaissance and investigative search techniques.
- Created original challenge material to teach techniques through gamified learning.

House Captain – Edify School

2020 – 2021

- Led inter-house coordination and promoted collaboration through mentorship and events.

Projects

GitFx – Git Companion CLI Tool (Ongoing)

[GitHub](#)

Go, Cobra CLI, promptui

- Building **gix**, a developer-friendly Git CLI that improves user experience in collaborative workflows.
- Implemented **gix config** with an interactive identity setup (name/email/scope-aware).
- Modular, testable structure with future features such as commit suggestions, error helper, and timeline view.
- Revolutionizing personal development workflow by wrapping verbose Git commands into intuitive flows.
- Uses **promptui** for interactive menus and **Cobra** for command handling.

CodeSmith – AI-Powered Project Bootstrapper

[GitHub](#)

LLM-integrated scaffolding tool

- Initiated and co-built a tool using **deepseek-coder:6.7b** to generate boilerplate and Docker setups.
- Developed a React frontend for interactive tech stack selection and AI-driven suggestions.
- Integrated code previews and download pipelines via backend endpoints.

GoTasks – Terminal Task Manager

[GitHub](#)

CLI utility in Go

- Designed an intuitive task management system with local persistence via JSON.
- Added color-coded status: success (cyan), error (red), done (green), and pending (white).

SysWatch – Cross-Platform System Monitor

[GitHub](#)

Shell-based system info tool

- Displays CPU, memory, GPU, IP, and uptime; works uniformly on Linux, macOS, and Windows.
- Implemented colored terminal rendering using ANSI escape codes.

OSINT CTF Challenge – Cyber-0-Day 3.0

[GitHub](#)

Custom-built challenge for cyber capture-the-flag

- Designed and deployed a realistic OSINT CTF challenge focused on investigative techniques.