

# Ved Pawar

SDE | Backend & Product | Open Source

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GitHub: <https://github.com/vedpawar2254> |

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Kaggle: <https://www.kaggle.com/vedpawar2254> |

LeetCode: <https://leetcode.com/vedpawar2254>

Portfolio: <https://whoisved.vercel.app/>

## Summary

Software engineer working at the intersection of backend systems, generative AI, and early-stage products. I design and ship end-to-end platforms—owning architecture, APIs, data flows, and deployment—with real users in production (hundreds across multiple systems). My work spans developer tooling, AI-driven applications, and open-source infrastructure, where I contribute as both a builder and maintainer. I gravitate toward first-principles problem solving, operational ownership, and fast iteration, and I've repeatedly taken ideas from rough prototypes to deployed products while leading teams, shaping engineering culture, and building developer communities.

## Experience

### Vice President — DevClub, NST

*Jan 2025 – Present*

- Built DevClub from the ground up into a structured, product-driven developer organization.
- Led cross-functional teams (engineering, design, logistics, outreach) delivering internal platforms and large-scale events.
- Directed national-level hackathons and technical programs, managing partnerships, sponsorships, logistics, and execution.
- Led development of internal platforms and tooling; promoted open-source-first workflows across campus.
- Mentored developers in full-stack systems, backend engineering, AI, and open-source contribution.

## **Backend Developer Intern — CodeDevVerse (Remote)**

*Jun 2025 – Aug 2025*

- Designed and built scalable backend services and REST APIs.
- Implemented an end-to-end AI interviewing system, integrating business logic and AI-driven evaluation.
- Collaborated closely with frontend and product teams to ship features with reliability and performance.

## **Product Developer (Freelance) — Vanaha Agro Forestry (Remote)**

- Led end-to-end development of two production products from concept to launch.
- Designed system architecture, implemented core features, and shipped user-ready systems.
- Product currently sees ~15–20 daily active users.

## **Head — DCODE Initiative**

- Co-created and led DCODE, an initiative lowering barriers to open-source contribution.
- Built and maintained the DCODE platform and website.
- Managed multiple teams and contributor workflows; led outreach to open-source communities.
- Organized and executed a DCODE-focused hackathon.

## **Freelance Developer — Confidential Clients**

- Delivered backend-heavy and full-stack products with focus on scalability, reliability, and clean design.

## **Projects**

### **Flagship / High-Impact**

- **DCODE Platform** — <https://dcode.codes>  
Open-source contribution and mentorship platform with ~300 users. Built core workflows for onboarding, project matching, and contributor tracking.
- **NXTUP** — <https://nxtup.in/>  
Startup and student ecosystem platform with ~700 users. Contributed to core platform development and deployment.

- **Treeview (Library & Tool)** — <https://github.com/vedpawar2254/treeview>  
Developer tool to generate project tree views for LLM and documentation workflows.  
Used by hundreds of developers; active contributors.
- **Vanaha Products** — <https://github.com/vedpawar2254/vanaha-vibes>  
Production systems for an agro-forestry startup; currently serving ~15–20 daily users.

## Open Source Projects

- **RippleX** — <https://github.com/DCODE-HQ/rippleX>  
Lightweight reactive state-management library for React with event bus and async state handling.
- **Nebula (Maintainer)** — [https://github.com/SASTxNST/Nebula\\_Backed](https://github.com/SASTxNST/Nebula_Backed)

## AI / Experimental

- **Ano** - [anotate.vercel.app](https://anotate.vercel.app)
- **Syftly.ai** - [syftlyai.vercel.app/](https://syftlyai.vercel.app/)
- Text to Animated Video — <https://github.com/vedpawar2254/text-to-animated-video>
- AI Interviewer — [https://github.com/vedpawar2254/AI\\_interviewer](https://github.com/vedpawar2254/AI_interviewer)
- Simple RAG System — [https://github.com/vedpawar2254/knowledge\\_bot](https://github.com/vedpawar2254/knowledge_bot)

## Open Source Contributions

- Contributed to projects including: CVE Bin Tool (PSF), Grauity, Aeon, Kyverno, and others.
- Maintainer for Treeview and Nebula, **RippleX**

## Skills

- **Languages:** Python, TypeScript, JavaScript, SQL, C++
- **Backend & Systems:** FastAPI, Django, Node.js, Express, PostgreSQL, Redis
- **Frontend:** React, Next.js
- **AI / ML:** Generative AI, RAG systems, AI-integrated backends
- **Dev & Infra:** Git, open-source workflows, API design, system architecture
- **Leadership:** Technical leadership, mentoring, project & event execution

## Education

### Bachelor of Technology — Computer Science & Artificial Intelligence

Newton School of Technology, Rishihood University

2024 – 2028 (2nd Year)