

# UJJWAL TIWARI

DEVELOPER & DEVOPS ENGINEER

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## SUMMARY

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First-year B.Tech student at VIT Vellore pursuing Computer Science Engineering. Full-stack developer with strong DevOps expertise, specializing in CI/CD automation, containerized deployments, and scalable backend systems. Proven experience building production-grade applications used by tens of thousands of users.

## TECHNICAL SKILLS

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- **Frontend:** React, Next.js, JavaScript, TypeScript, Redux, Zustand, Tailwind CSS
- **Backend:** Node.js, Express.js, Prisma, MongoDB, REST APIs, JWT
- **DevOps:** Docker, CI/CD, VPS, Nginx, PM2, Linux
- **Caching & DB:** Redis, MongoDB
- **Tools:** Git, GitHub

## PROFESSIONAL EXPERIENCE

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**Web Developer** — *CodeChef VIT Student Chapter* 2025 – Present

- Collaborated with cross-functional teams to deliver optimized frontend and backend solutions for technical platforms.

**Web Developer** — *ACM VIT Student Chapter* 2025 – Present

- Developed production-ready web platforms supporting large technical communities and events.

**Freelance Developer** 2024 – Present

- Delivered full-stack and frontend solutions with focus on scalability, performance, and clean architecture.

## PROJECT EXPERIENCE

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- **Next.js Portfolio** — Personal developer portfolio optimized for performance and SEO. Live
- **Fortuna Bot** — Global-scale Discord economy bot serving **50K+ users**, built with TypeScript, Prisma, MongoDB, Redis; deployed using Nginx, PM2, and CI/CD. Website
- **PassOp** — Secure password manager with JWT authentication, Google OAuth, and MongoDB backend. Live
- **Musician Portfolio Website** — Dynamic musician portfolio fetching and displaying songs and playlists directly from the source, built with an infinite-canvas UI. Live
- **Digital Board** — Infinite canvas productivity app built with Next.js and Tailwind CSS. Live
- **404Movies** — Frontend-only movie website with a humorous productivity-killing theme. Live

## EDUCATION

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**B.Tech in Computer Science Engineering (Core)** 2025 – Present  
Vellore Institute of Technology, Vellore