

Dhananjay Kakade

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Experience

Backend Developer Intern | *vtex.ai*, Pune (Remote) Sep 2025 – Present

- Built **microservices** for LMS platform using **Node.js**, **MongoDB**, **Redis** with deployments on **Render**
- Implemented **caching with Upstash Redis** reducing API latency by 30% for frequently accessed user data
- Integrated **MeiliSearch for search** and **ZeptoMail for email services** enhancing platform functionality

Full Stack Developer Intern | *Nexolve Technologies LLP*, Pune (Remote) Jun 2025 – Sep 2025

- Developed DeFi insurance platform features using **Node.js**, **React.js**, **MongoDB** for full-stack implementation
- Integrated backend APIs with frontend, enabling real-time insurance transactions and portfolio management
- Optimized database schemas and implemented **OAuth authentication** securing user access and data flow

Education

MES, Institute of Management & Career Courses (IMCC), Pune, MCA Sept 2024 – Ongoing

- Applied **Agile methodologies (Scrum)** in academic projects, using Jira to manage sprints, backlogs, and evaluations for a 4-member team, delivering iterative improvements.

Modern College, Pune, BSc in Computer Science Jul 2021 – May 2024

- Ranked in the **top 5%** of the class out of 120+ students based on academic performance.

Projects

Evolve AI – AI-Powered Grading System GitHub

- Developed an **AI-powered grading system** using **Gemini AI** integration to automate code evaluation, reducing manual review time by **60%** while handling **100+ concurrent test submissions** with instant feedback.
- Architected a **microservices-based backend** (Node.js/Express) with **Axios inter-service communication** to improve API response times by **35%**. Implemented **query optimization** in Prisma ORM and **MongoDB indexing** to reduce frontend render time by **25%**.
- Tech Stack: Node.js, TypeScript, React.js, Gemini AI, Docker, Prisma ORM (PostgreSQL/MongoDB), Express.js, Tailwind CSS

MiniCI – Lightweight CI Tool Built in Go GitHub

- Built a **minimal yet powerful CI tool from scratch using Go**, inspired by laziness to automate code deployment.
- Used Go's **goroutines and channels** for concurrent execution of CI tasks with real-time WebSocket-based logs
- Created a fully interactive **web frontend** to trigger builds, view logs, and deploy new projects using HTML, JS, and CSS
- Learned advanced Go concepts including context management, stream handling, and channel lifecycle (debugged a real panic)
- Tech Stack: Go, WebSocket, YAML, React Js, Docker (for isolated build environments)

Technical Skills

Advanced: JavaScript, React, MongoDB, Node.js/Express (TypeScript), PostgreSQL, Prisma ORM, Docker, API Design, Microservices, RESTful APIs, Git/GitHub, Nginx

Intermediate: Redux, Redis, Golang, Tailwind CSS, HTML5, CSS

Achievements

- **2nd Place, GDG InnoVyuh Hackathon 2025** – Led 4-member team to build AI grading system; ranked top among 100+ teams
- **Round 2, BNB Chain Bombay Global Hackathon** – Advanced in 36-hour global competition; built scalable project under tight deadlines
- **6+ Hackathons Participated** – Strong experience in rapid prototyping, team leadership, and delivering under pressure