Dhananjay Kakade

Pune, India | kakadedhananjay59@gmail.com | 9552935559 | LinkedIn

Github | Portfolio

Summary

Software Development Engineer with a focus on scalable backend systems and cloud-native applications. Proficient in **Node.js, React, and Prisma**, delivering **40% faster APIs** through caching, query optimization, and microservices. Reduced frontend load times by **30%** via lazy loading and efficient data handling. Skilled in **Backend development** and building real-time platforms supporting **1,000+ users**. Strong in cross-functional collaboration and performance optimization.

Education

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

- Ranked in the top **3%** of a 200+ student cohort
- 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**

- Led a 5-member team to develop a live registration system used by **600+** attendees during "Interaction 24".
- 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

Interaction 24 – Modern College Event Registration Platform   **GitHub**

- Engineered a **high-traffic event registration platform** serving **600+ concurrent users** with **70,000+ page views** during peak 3-day event, demonstrating scalability under real-world load
- Designed and optimized the **backend architecture** using Node.js, Express, and Prisma ORM with:
    - **Docker containerization** for environment consistency
    - **Nginx reverse proxy** for load balancing and improved security
- Tech Stack: Node.js, Express, React, MongoDB, Prisma ORM (optimized queries), Docker, Nginx, Hostinger VPS

Trinity Courses: Course-selling platform using Next.js 14, Razorpay, Supabase.   **Live-demo**

Technical Skills

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

Intermediate: Python, Redux, Redis, Go (Gin), Tailwind CSS, HTML5, CSS

Fundamentals: Object-Oriented Programming (OOP), Data Structures & Algorithms, Linux, RDBMS Concepts, Computer Networking

Achievements

- **2nd Place**, GDG InnoVyuh Hackathon 2025 – led a 4-member team to build an AI grading system, ranked top among 100+ teams.
- Built a real-time grader that processed 100+ submissions and reduced manual review time by **60%** using Gemini AI.
- Core lead for Modern College's **Interaction 24**, managing the event for 600+ participants during a 3-day fest.