

ANIKET KOLTE

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Education

Pune Institute of Computer Technology

July 2021 – May 2025

Bachelor of Engineering: Computer Engineering

CGPA: 8.28

Experience

Backend Intern - Stealth Startup | *Kubernetes, AWS, FastAPI*

Feb 2025 – Jun 2025

- Deployed **scalable, multi-tiered applications** using **Kubernetes**, leveraging distributed architecture and relational databases to ensure high availability and performance.
- Worked with **AWS** services to optimize cloud-based deployments and system performance.
- Developed backend services with FastAPI and Redis focused on API optimization, improving response efficiency by 30% through intelligent caching and asynchronous processing.
- Developed and implemented **CI/CD pipelines** and established the production environment for the organization.
- Utilized **Camunda** to automate workflows, integrating **AI agentic nodes** for intelligent task orchestration.

Backend Developer Intern - ZenStudy | *Next.js, JavaScript*

Dec 2024 - Jan 2025

- Building backend infrastructure for a video streaming platform with a focus on scalability and security.
- Implemented **Digital Rights Management (DRM)** solutions to protect video content and ensure secure streaming.
- Developing RESTful APIs and integrating backend services to support platform features and improve user experience.

Database/Backend Intern - Fluxvisio Tech | *Node.js, Express.js, Javascript*

Aug 2024 - Oct 2024

- Designed and implemented database schemas tailored for project needs to ensure optimal data structuring and retrieval.
- Utilized **Prisma ORM** for efficient database management, data modeling, and seamless interaction with various data sources.
- Developed and integrated **WebSockets** to enable real-time data communication and enhance user experience.

Software Developer Intern (Freelance) - Arham Group | *Node.js, Express.js, Flutter*

Oct 2023 - Dec 2023

- Developed an app to support the ProBook project, distributing affordable notebooks to the needy individuals.
- Implemented user registration with Aadhar card verification and deployed the backend on render for multi-user access.
- Added features such as a tally button for daily sales calculations and an edit button to modify user orders.

Projects

CollabBoard | *Node.js, Express.js, React.js* | 🐙 | [Live](#)

Nov 2024

- Developed a real-time collaborative **whiteboard platform** featuring drawing tools, **instant chat**, and **WebRTC-based** peer-to-peer video chat with **STUN/TURN** servers, enabling multi-user teamwork and live collaboration via **WebSockets**.
- Implemented robust WebRTC negotiation logic using the **Perfect Negotiation pattern** and **custom signaling/ICE candidate queues**, ensuring collision-free offer/answer exchanges and reliable, race-condition-free real-time peer communication in multi-user environments.
- Added **backend rate limiting** to enhance security and prevent abuse, ensuring stable and reliable service for all users.

Events Judging App | *Flutter, Node.js, PostgreSQL* | 🐙 | [Demo](#)

Jan 2024

- Engineered a mobile application for **instant judging and grading participants across multiple events**, ensuring accurate participant evaluations and reducing manual scoring errors by 25%, improving overall event quality.
- **MVVM Architecture Implementation**: Designed and implemented the application following the MVVM architecture, ensuring separation of concerns, maintainability, and ease of future enhancements.
- Deployed **PostgreSQL** for efficient data storage and retrieval of participant records and event histories.

Technical Skills

Languages: JavaScript, TypeScript, C, C++, Python, Java, SQL

Databases: MongoDB, PostgreSQL, MySQL

Developer Tools: VS Code, Eclipse, Cursor

Technologies, Frameworks & Libraries: Fastapi, Node.js, Next.js, Express.js, Google Firebase

Achievements

- **Two-time ACM ICPC** Regionalist, participated in ICPC Chennai Regional 2023 (AIR 65), and ICPC Kanpur Regional 2024 (AIR 105); also qualified for ICPC Amritapuri Regional 2024 after securing top ranks in the preliminary rounds.
- **Expert** (Rating :1711) on Codeforces
- **5* Rated** (Rating :2035) on Codechef
- **Google KickStart** : Secured a Rank of 730/8100+ in 2022 Round G.
- Achieved ranks of **325, 726, 946** in multiple Codeforces rounds and global ranks of **1, 11, 60** in different Codechef rounds.

Leadership / Extracurricular

PICT Codechef Chapter

Present

President

- Led the CodeChef chapter club for a year, organizing regular contests and managing all club activities.

PICT ACM Chapter

Present

Domain Director - Competitive Programming

- Organized CodeLicious contest with 2000+ participants and led post-contest discussions for juniors.