ANIKET KOLTE

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Education

Pune Institute of Computer Technology   July 2021 – May 2025
Bachelor of Engineering: Computer Engineering   *CGPA: 7.53*

Experience

Backend Intern - Stealth Startup | *Kubernetes, AWS, FastAPI*   **Feb 2025 – Present**
- 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.
- 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**
- Implemented **WebRTC**-based peer-to-peer communication using **simple-peer, STUN, and TURN** servers for low-latency, scalable, and reliable real-time interactions across network environments.
- Developed a real-time **collaborative whiteboard** platform with tools for drawing, enabling seamless teamwork.
- **Integrated chat and board management features**, enhancing usability and providing an all-in-one collaborative experience.

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.