Aniket Dinde

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EDUCATION

University of Mumbai - Terna Engineering College

Bachelor of Engineering, Computer Engineering; GPA: 8.4/10

Navi Mumbai, India *Dec.* 2021 – *Jun.* 2025 (*Tent.*)

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Java programming, C programming, Machine Learning, Database Management Systems, Operating Systems, Computer Networks, Cloud Computing, Software Engineering

SKILLS

Languages: C++, Python, JavaScript, SQL

Web Technologies: React.js, Node.js, Express.js, Flask, HTML, CSS

Databases: PostgreSQL, MongoDB, SQLite **ML & AI**: Pytorch, OpenCV, LangChain **Tools and DevOps**: Git, GitHub, Docker

EXPERIENCE

PrepbookNavi Mumbai, IndiaSDE Intern | Python, JavaScript, Flask, MongoDB, MERN, Google Sheets APIAug. 2024 – Dec. 2024

• Optimized workflow efficiency by 65% by architecting a content creation platform using Flask, streamlining operations.

- Expanded content availability by 80% by automating content scraping with BeautifulSoup and Selenium, reducing manual effort.
- Strengthened security and governance by implementing role-based access control and a content moderation system using MongoDB.
- Facilitated seamless legacy system integration by leveraging Google Sheets API, enabling language-based content segregation.
- Revamped user experience and performance by redesigning the website with the MERN stack, ensuring a fully optimized interface.
- Spearheaded product development and aligned engineering with business goals by collaborating with the Tech Lead and CEO.

PROJECTS

AudiHealth | Python, JavaScript, React.js, Express.js, Flask, MongoDB, DeepSeek-R1 | Demo Github

- Engineered a voice pathology detection platform identifying laryngitis and polyps, generating AI-powered medical reports with actionable health insights
- Integrated WhatsApp for seamless accessibility, enabling real-time doctor search, daily exercise tracking, and continuous voice health monitoring

AIQuest | Flask, ElasticSearch, Langchain, Llama 3.2 8B, SQLite | GitHub

- Designed an AI-driven Q&A platform for organizations, leveraging hybrid RAG (syntactic + semantic) and AI agents to retrieve and generate accurate responses
- Implemented a moderator review system, empowering organizations with analytics to monitor question resolution and engagement trends

Vilokana (Reunite) | React.js, Leaflet.js, Zustand, recharts, deepface, Flask-Restful, SQLite | GitHub, Demo

- Orchestrated a missing person search platform, integrating police and NGOs, leveraging facial recognition and dynamic search area mapping for optimized recovery efforts
- Streamlined reporting and tracking by enabling WhatsApp-based image submissions, real-time status checks, and automated alerts to authorities

DabbaExpress | React.js, recharts, Leaflet.js, Node.js, Express.js, JWT, MongoDB, mongoose, cloudinary, multer, bcrypt, twilio | GitHub, Demo

- Built a full-stack platform connecting migrants with home-based tiffin providers, enabling customers to browse menus, place orders, and choose delivery modes via a location-aware interface
- Digitized local food businesses with a vendor dashboard to manage menus, inventory, and orders, boosting reach and operational
 efficiency without tech expertise

ACHIEVEMENTS

- Winner: Major League Hacking HackTU Hackathon 2025 Thapar University, Patiala
- Runner Up: AlgoQuest Hackathon 2024 Isourse, Delhi
- Second Runner Up: AIQuest Hackathon 2024 IIT Bombay
- Finalist (Top 5) and Best Technical Execution Award: FYND Hacktimus Hackathon 2025 FYND Office, Mumbai
- Finalist (Top 12): TSEC Hacks 2025 Thadomal Sahani Engineering College, Bandra