Aniket Dinde

EDUCATION

University of Mumbai - Terna Engineering College

Bachelor of Engineering, Computer Engineering; GPA: 8.54/10

Navi Mumbai, India Dec. 2021 – Jun. 2025

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Java programming, Artificial Intelligence, 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, Redux Toolkit (RTK), Zustand, HTML, CSS, Tailwind CSS

Databases: PostgreSQL, MongoDB, SQLite, Redis

ML & AI: OpenCV, LangChain

DevOps & Cloud: Docker, AWS (EC2, S3)

Tools & Utilities: Git, GitHub, Postman, Vercel, Canva, Figma

EXPERIENCE

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

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- Architected a content creation pipeline using Flask, improving workflow efficiency by 65%
- $\bullet \ \ \text{Automated web scraping with Beautiful Soup and Selenium, expanding content availability by 80\%}$
- Implemented role-based access and content moderation via MongoDB, enhancing platform governance
- Integrated Google Sheets API for multilingual content segregation, enabling smooth legacy system support
- Redesigned the MERN-based UI to enhance performance and deliver an optimized user experience
- · Spearheaded product development by aligning tech with business strategy in collaboration the Tech Lead and CEO

PROJECTS

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

- Engineered a voice pathology detection system using DeepSeek-R1 and Flask, generating diagnostic reports with 90% accuracy
- Integrated WhatsApp for real-time doctor search and voice health tracking, improving accessibility for non-technical users
- Automated voice and report data storage with MongoDB and cloudinary, reducing manual processing time by 40%

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

- Designed a hybrid RAG-based Q&A platform using LangChain and Llama 3.2, enabling accurate semantic + syntactic retrieval
- · Developed a moderator analytics system with SQLite and ElasticSearch, enhancing engagement tracking for organizations
- Optimized search relevance through ElasticSearch ranking, increasing answer precision by 25%

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

- · Built a missing person search system using DeepFace and React.js, streamlining NGO-police coordination via facial recognition
- · Integrated WhatsApp for real-time image-based reporting and alert generation, improving rescue alert speed by 30%
- Visualized recovery operations with Leaflet and Recharts, supporting data-driven decision-making for authorities

DabbaExpress | React.js, recharts, Leaflet.js, Express.js, MongoDB, cloudinary, multer, twilio | GitHub, Demo

- · Developed a full-stack tiffin delivery platform using React and Leaflet, enabling users to order food through geolocation-based UI
- · Digitized vendor operations with a MongoDB-backed dashboard, increasing small business efficiency and order tracking
- Integrated Twilio and Cloudinary APIs for live SMS updates and image handling, enhancing customer experience and trust

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