ANISH MANE

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Education

Vellore Institute of Technology   October 2022 – May 2026
Bachelor of Technology in Computer Science, CGPA: 8.9   *Bhopal, Madhya Pradesh*

Experience

Fanztar   June 2024 – December 2024
Full Stack Intern   *Gurugram, Haryana*
- Spearheaded DigiLocker KYC verification and **automated** fancard launches, boosting operational efficiency by **75%**.
- Enhanced MongoDB databases using MongoEngine, managing data for **500+** daily users and streamlining processes.
- Revamped WhatsApp login flow with QR-based authentication, collaborating with a **10+** member team at OTPLESS.
- Redesigned **UI/UX** for Wallet, Transaction, and KYCVerification pages, elevating usability and user engagement.
- Developed **compliance-focused** pricing models and checkout features, improving transparency and user experience.

Projects

Dining Concierge Chatbot | *REST API, AWS - S3, Lambda, OpenSearch, DynamoDB, SQS, Lex, Swagger.io, SNS, ReactJS*
- Delineated and engineered a chatbot using Lex API that gives dining suggestions based on the cuisine selected.
- Implemented a **serverless architecture** on AWS with front-end on S3 and an API gateway for request handling.
- Leveraged SQS and Lambda to fetch **1M+** records from DynamoDB, boosting data flow efficiency.

Cancer Biomarker Identification | *Machine Learning, Python, LLM, NLP, ReactJS, SQL, TailwindCSS*
- Developing a machine learning model for cancer biomarkers, currently at **60%** accuracy with plans to improve.
- Curated datasets, built scraping pipelines, and refined preprocessing with **SMOTE** and **XGBoost**.
- Capitalized on **NLP** techniques and structured storage to enhance relationship extraction and decision workflows.

Data Redundancy Removal Algorithm (Duplexa) | *Python, ReactJS, Pandas, Numpy*
- Pioneered Team Duplexa at **Bhuvan ISRO Hackathon**, engineering a **30 GB/s** redundancy algorithm.
- Enhanced workflows and decision-making with a React interface, improving user engagement.
- Reduced processing time by **50%** and improved data accessibility by detecting duplicates with **XXHash**.

Google Keep Replica | *JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB*
- Designed a scalable and interactive note-taking app supporting up to **100 notes** per user with CRUD functionality.
- Championed React Router for smooth navigation within 1 section, allowing quick note creation, editing, and deletion.
- **Improved state management** for real-time note updates under 1 second, enabling smooth editing and deletion.

UniStorage | *JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB*
- Fabricated UniStorage with MERN in a **12-hour hackathon** at VIT, streamlining property management.
- Created an intuitive interface for borrowing and returning items, boosting transparency and efficiency.
- Engineered a scalable system to support growing users and properties seamlessly.

Technical Skills

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, TypeScript, Shell/Bash
Developer Tools: VS Code, Adobe After Effects, Docker, Postman, MongoDB Compass, NoSQL
Technologies/Frameworks: React, Git/GitHub, Unix/Linux, JQuery, Pandas, Numpy, NodeJS, ExpressJS, MongoDB, AWS, Quasar, Tailwind CSS, VueJS, PyMongo, MongoEngine, NextJS
Certification: Cloud Computing NPTEL(Placed Top 2%)

Leadership / Extracurricular

IoT Club   November 2023 – Present
Student Coordinator   *VIT Bhopal*
- Coordinated an IoT event with 100+ attendees, promoting **hands-on learning** and practical insights into IoT concepts.

Technocarts Society   July 2024 – Present
Co-Lead of Tech Team   *VIT Bhopal*
- Supervised a team of 5 to create a **responsive website**, amplifying the club's online visibility and engagement.