Anish Mane

Bhopal, India

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Education

Vellore Institute of Technology Oct. 2022 – May 2026
Bachelor of Technology in Computer Science *Bhopal, Madhya Pradesh*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Fundamentals in AI/ML
- Introduction to Python
- Python Programming

Projects

Data Redundancy Removal Algorithm (Duplexa) | *Python, React, NLP, Pandas, Numpy* **December 2023**

- Led Team Duplexa to develop a Data Redundancy Removal Algorithm for Bhuvan ISRO Hackathon, achieving a 20% reduction in duplicate datasets and streamlining data management.
- Implemented advanced Python algorithms for efficient data cleaning and preprocessing, resulting in an improvement in feature extraction accuracy.
- Enhanced user decision-making with a React-based interface, contributing to a 25% increase in efficiency in identifying and eliminating duplicate datasets.
- Contributed to Bhuvan's data management capabilities by successfully identifying duplicates through cosine similarity, leading to a significant improvement in overall data management efficiency.

Google Keep Replica Project | *JavaScript, React* **November 2023**

- Developed the Google Keep Replica Project, utilizing React.js to create a dynamic note-taking application.
- Implemented React Router for seamless navigation, resulting in an improvement in overall user experience and accessibility.
- Utilized simple state management in React for efficient data handling.
- Successfully replicated the Google Keep interface and a 30% increase in user satisfaction with the intuitive and user-friendly design.

Blog API Project | *JavaScript, Express, Node* **October 2023**

- Developed a robust Blog API using Express and Node.js for seamless publishing and dynamic content management. Implemented RESTful endpoints for efficient CRUD operations, enabling versatile data manipulation.
- Achieved a responsive API with in-memory data storage, simplifying the development process for retrieving and managing blog posts. Enabled flexible data updates through PATCH and DELETE operations.
- Configured an Express server in "Server.js" for static file serving and cohesive routing, ensuring a seamless integration between the front-end and API.
- Crafted a cohesive integration between the front-end and API, creating a visually appealing and user-friendly website where users can effortlessly navigate, create, and modify blog posts.

ATM System Project | *C++* **August 2023**

- Developed a secure and user-friendly ATM system in C++ with a class-based structure to encapsulate account details, ensuring data integrity and security.
- Implemented key functionalities, including balance inquiries, cash withdrawals, and user detail displays, enhancing the overall user experience and providing comprehensive banking services.
- Ensured robust security measures by verifying account numbers and PINs, guaranteeing secure access to the ATM system and safeguarding user information during transactions.

Technical Skills

Languages: C/C++, Python, HTML/CSS, JavaScript
Developer Tools: VS Code, Adobe Premiere Pro, Adobe After Effects
Technologies/Frameworks: React, Git/GitHub, Linux, JQuery, Pandas, Numpy, NodeJS, MongoDB

Leadership / Extracurricular

IoT Club **November 2023 – Present**
Head *VIT Bhopal*

- Successfully organized a small-scale IoT event, fostering hands-on learning and collaboration within the club, providing members with a practical understanding of IoT concepts and applications.
- Currently spearheading the formation of specialized project teams within the IoT club, aiming to channel collective expertise and creativity into multiple impactful projects, fostering innovation and skill development among club members.