

Vijay Mane

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EDUCATION

❖ VIT Bhopal University

- Expected 2026 (Penultimate Year)
- Bhopal, Madhya Pradesh
- Bachelors in Technology in Computer Science and Engineering (Specialized in Cloud Computing and Automation)
 - Cumulative GPA: 8.91

Projects

❖ Blood Bank Management System using Amazon Web Services (August 2023 – December 2023)

- Designed and developed a comprehensive full-stack system leveraging XAMPP (Apache, MySQL, PHP) for local development and AWS Windows Server for scalable deployment.
- Implemented a secure PHP backend with MySQL to ensure efficient data management and seamless integration with the frontend. The backend is capable of managing up to 10,000 daily operations and supporting 50 simultaneous users.
- Engineered an intuitive HTML/CSS/JS frontend to enhance user experience, applying responsive design principles for accessibility across devices.
- Collaborated within a team of 5, actively delegating tasks related to frontend, backend, and deployment, fostering an environment of shared learning and responsibility.
- Documented system architecture and user guides to facilitate maintenance and future development of the application.

❖ Intelligent PDF based Chat Assistant using TypeScript and OpenAI (January 2024 – May 2024)

- Developed a responsive frontend using TypeScript and Tailwind CSS, focusing on modern design principles to enhance usability and accessibility.
- Integrated OpenAI for advanced text extraction and question answering capabilities from PDF documents, demonstrating proficiency in integrating AI-driven solutions.
- Implemented a robust backend utilizing Node.js for efficient server-side logic, NeonDB for structured data management, and PineconeDB for optimized querying and storage.
- Leveraged AWS S3 for secure PDF storage, ensuring data integrity and confidentiality in compliance with industry standards.
- Created a comprehensive project report documenting design architecture, module functionalities, and literature review, facilitating future maintenance and scalability of the application.

SKILLS, CERTIFICATIONS & INTERESTS

- **Coding Languages:** C++, Java, Python, HTML, CSS, JavaScript
 - **Technologies:**
 - Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Debian,
 - Ubuntu, VirtualBox, Apache XAMPP, VMWare Workstation
 - Git Version Control, Excel, Photoshop.
 - **Notable Mentions:** • Solved 30 Data Structures and Algorithms problems on Leetcode, enhancing problem-solving skills.
 - **Certifications:**
 - HTML, CSS, and JavaScript for Web Developers (Coursera)
 - Version Control with Git (Udacity)
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