PRATHMESH GAHUKAR

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Education

Vellore Institue of Technology University   **Sep 2022 –**
Bachelor of Technology in Information Technology   *Vellore, Tamil Nadu*
- CGPA after 4th Sem: 9.37
- DSA, Java, Python, OOPS: S Grade
- Web Dev, DBMS, Software Engineering: A Grade

Mount Litera Zee School   **Jul 2020 – Jun 2022**
12th Boards: 93   *Nagpur, Maharashtra*

Modern School   **Jul 2010 – Mar 2020**
10th Boards: 96.6   *Nagpur, Maharashtra*

Relevant Coursework

- Data Structures and Algorithms
- Full Stack Development
- ReactJs
- Java
- Game Development
- Python
- CPP
- PostgreSQL
- Database Management Systems
- OOPS

Experience

ASTRONOMY CLUB - VIT STELLAR   **Mar 2024 –**
Technical Core Committee Member   *Vellore, Tamil Nadu*
- Assisted in developing the front end of the club's website, enhancing user experience and interface design.
- Interacted with club members in thought-provoking and enlightening discussions on astrophysics and space exploration, expanding my knowledge and enthusiasm for the universe.

APPLE DEVELOPER'S GROUP (ADG)   **Jun 2024 –**
Core Member   *Vellore, Tamil Nadu*
- Contributed to my comprehension and skill in software development methodologies by taking part in development sessions centered around Node.js, Git, and associated technologies.

TECHNOLOGY AND GAMING CLUB (TAG)   **Mar 2024 –**
Technical Core Committee Member   *Vellore, Tamil Nadu*
- Collaborated development of the front end for an event website, improving functionality and user experience through innovative design solutions.
- Gained more knowledge and skills in the field of game development by working with team members during game development sessions.

Projects

Healthcare Website Frontend | *HTML, CSS, JS*   **Feb 2024**
- Created a user-friendly front end for a medical website to improve accessibility and effectiveness for patients.
- Added functionality to schedule online doctor consultations and make appointments at hospitals, including government facilities.
- Enabled users to order medicines and services and provided a bed reservation option for serious patients.

Voice Enabled User Interface for GUI based App | *ReactJs, Leaflet*   **Jul 2024**
- Developed a voice-enabled user interface for geospatial map-based web applications, utilizing GIS libraries such as Leaflet and OpenLayers to enhance user interaction.
- Designed and implemented microphone functionality in a React app to capture and process voice commands, improving accessibility and user experience.
- Leveraged GPU/NPU resources for efficient voice command processing, ensuring a lightweight, scalable solution for web applications.

Home Services Agency Webapp | *ReactJs*   **Jun 2024**
- Engineered HomeAssist, a web application designed to give easy access to necessary home services.
- Enabled users to book appointments for home services such as cleaning, repairs, and maintenance.
- Integrated a platform for users to order home services online, including plumbing, electrical work, and carpentry.

Technical Skills

Languages: Java, Python, C, CPP, JavaScript, SQL
Developer Tools: VS Code, IntelliJ, Microsoft Office, Oracle Database, Figma, Postgres