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GitHub: github.com/MRC005

Pre-Final Year B.Tech Computer Science Engineering student at VIT Vellore

I have a strong foundation in programming, automation, and collaborative project development. Achieved AIR 413 in VITEEE, demonstrating academic excellence and competitive aptitude. Seeking opportunities to apply technical and leadership skills in software development and automation domains.

Education

B.Tech, Computer Science Engineering (Core)

Vellore Institute of Technology (VIT), Vellore

Expected Graduation: 2027

VITEEE 2025 All India Rank: 413

- Secured a top national rank (AIR 413) in VITEEE 2023, qualifying for Computer Science at VIT Vellore, the university's most competitive branch.
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Technical Skills

- Programming Languages: Python, Java, C, C++, Verilog HDL, MATLAB, HTML, CSS, JavaScript, React JS
 - Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Automation, IoT
 - Tools: MATLAB, Git, GitHub
 - Other: Publicity, Communication, Event Management, Creativity, Finance, Collaboration
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Projects

DomoticsHub – The Heart of Home Automation

GitHub Repository: https://github.com/MRC005/DOMOTICSHUB-HOME_AUTOMATION | Feb 2025

Live Demo: https://mrc005.github.io/DOMOTICSHUB-HOME_AUTOMATION/

Team: DomoticDynamos (Jaison, Machum, Jathin)

- Developed a centralized home automation platform to unify control of smart devices, enhancing comfort, security, and energy efficiency.
- Designed and implemented a user-friendly interface for seamless management of lighting, heating, security, and appliances via smartphones and computers.

- Integrated features such as remote access, energy monitoring, and AI-powered voice assistant for comprehensive smart home control.
- Ensured scalability, robust privacy protection, and user customization through modular architecture and secure data handling.
- Technologies used: HTML, CSS, JavaScript, React JS, Python, IoT protocols, Git, collaborative development.
- Project Documentation: [https://github.com/MRC005/DOMOTICSHUB-HOME_AUTOMATION/blob/main/DomoticsHub-PPT%20\(1\).pdf](https://github.com/MRC005/DOMOTICSHUB-HOME_AUTOMATION/blob/main/DomoticsHub-PPT%20(1).pdf)

MinuteMeals – Modern Food Delivery Platform

GitHub Repository: <https://github.com/MRC005/MinuteMeals> | Jun 2025

Live User Platform: <https://minutemeals-client.onrender.com>

Admin Dashboard: <https://minutemeals-dashboard.onrender.com>

- Developed a robust MERN stack food delivery platform focused on delivering meals swiftly and seamlessly to users.
- Implemented real-time order tracking, intuitive user navigation, and secure online payments to ensure an optimal customer experience.
- Created an admin dashboard allowing restaurant partners to efficiently manage menus, orders, promotions, and customer reviews.
- Integrated features such as lightning-fast food delivery, curated restaurant menus, personalized recommendations, and promo code management.
- Applied scalable, modular coding practices and cloud deployment to handle live user traffic and maintain reliability.
- Technologies used: React, Vite, Node.js, Express.js, MongoDB, RESTful APIs, JavaScript, CSS, HTML.

Certifications

- AutoML Automated Machine Learning BootCamp – Udemy | Nov 2023
Credential ID: UC-b66fe396-f4de-4caa-93d1-fcd0d6098f94
- Cyberbattle: A Workshop on Cyber Security – graVITas, VIT Vellore | Sep 2023
Credential ID: 1111
- Modern Web Development with MERN Stack | Face Prep| June 2025

Campus Leadership & Clubs

Junior Core Member

Dream Merchants VIT | Jul 2024 – Present

Roles: Finance, Collaboration

Core Member

AdMark. | Feb 2024 – Present

Roles: Creativity, Publicity

Core Committee Member

Enajori – The Assamese Literary Association | Jan 2024 – Present

Roles: Event Management

Languages

- Assamese (Native/Bilingual)
- Bengali (Limited Working Proficiency)
- English (Professional Working Proficiency)
- Hindi (Professional Working Proficiency)
- Japanese (Elementary Proficiency)

Additional Information

- Strong interest in automobiles and automation technologies.
- Committed to continuous learning and practical application of computer science concepts.