Pavithraa T

Software Engineer Student

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CONTACT

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Address: Vellore Institute of Technology, Vellore, 632 014

PROFESSIONAL EXPERIENCE

Technical Head | 2024–2025 (February)
Rotaract Club of Vit

- Technical Leadership – Led the club's tech initiatives, mentoring members and managing projects.
- Event Management – Organized hackathons and social events, ensuring smooth execution.
- Creative Design – Developed digital content to enhance club visibility and engagement.

ACADEMIC PROJECTS

Heart Disease Prediction using Random Forest
- Developed a machine learning model using Random Forest to predict heart disease risk.
- Applied Recursive Feature Elimination (RFE) for optimal feature selection, improving model accuracy.

IoT-Based Smart Irrigation System
- Designed an automated irrigation system using IoT sensors to monitor soil moisture and temperature.
- Implemented real-time monitoring and automated water flow control, optimizing water usage and crop yield.

EDUCATION

Vellore Institute of Technology, Vellore (2022–2027)
Integrated MTech Software Engineering

- CGPA : 8.76
- GPA(Last Sem) : 9.14

SKILLS

- **Technical:** Java, JavaScript, C++, HTML, CSS, Agile, Scrum, NLP, SQL, Canva, Junit Testing
- **Non-Technical:** Leadership, Teamwork, Event Management, Social media management

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CERTIFICATES

Introduction to Generative AI | 2024
Google

UI/UX for Beginners | 2024
Great Learning Academy

Introduction to Responsible AI | 2024
Google

Canva Boothcamp | 2024
Lets Upgrade