RANJITH J

Full Stack Developer & Prompt Engineer

PROFILE

B.Tech Computer Science student at Vel Tech with a strong foundation in building and deploying full-stack web applications. Passionate about creating user-friendly interfaces with React.js and engineering robust backend systems with Node.js and Express.js. Recently demonstrated end-to-end project skills by successfully developing and deploying a complete MERN stack College Event Management platform. Eager to apply my skills in web development and AI/ML to solve real-world challenges

Portfolio Website Link

TECHNICAL SKILLS

- Languages: JavaScript, Python, Java, C++
- Frontend: React.js, HTML5, CSS3
- Backend: Node.js, Express.js
- Databases: MongoDB
- **Tools & Platforms:** Git, GitHub, Firebase, Render, VS Code, Cloudinary

SOFT SKILLS

- **ProblemSolving**
- **CriticalThinking**
- **TeamWork**
- **TimeManagement**
- **Leadership**

PROJECT

College Event Management Platform | Full-Stack MERN Application

- **Live Link: https://college-event-website-5ebf5.web.app/**
- **GitHub Link: [https://github.com/Ranjikutti/project_event]**
- **Engineered a complete MERN stack application to allow college administrators to create, manage, and delete events.**
- **Developed a secure RESTful API with Node.js and Express for all backend operations, including JWT-based admin authentication.**
- **Built a dynamic and responsive user interface with React.js, enabling students to view event details and register seamlessly.**
- **Successfully deployed the application using a decoupled architecture, with the frontend hosted on Firebase and the backend on Render, resolving all CORS issues.**
- **Integrated Cloudinary for cloud-based image hosting of event posters.**

AuraLink - AI & IoT Smart Assistive System

- **Developing an AI and IoT-based system designed to provide smart assistance, integrating machine learning models with hardware components.**
- **Focused on creating a user-centric system to enhance accessibility and automation.**
- **Tech Stack: Python, Raspberry Pi, AI/ML Libraries**

EmoGuard Sentinel: Real-Time Human Activity Recognition

- **Designed and built a real-time activity recognition system using a Raspberry Pi 5 and the MediaPipe library.**
- **The system analyzes video feeds to detect and classify human activities, showcasing skills in computer vision and IoT.**
- **Tech Stack: Python, OpenCV, MediaPipe, Raspberry Pi**
- **Why this is better: It uses bullet points with action verbs (Engineered, Developed, Built) and highlights the specific technologies and results. This is what recruiters look for.**

EXPERIENCE

AI & Machine Learning Intern | Srishti Innovative Educational Services, Trivandrum

- **Gained hands-on experience in the practical application of Artificial Intelligence and Machine Learning principles.**
- **Contributed to projects involving data analysis and the development of predictive models.**
- **Collaborated with a team to research and implement ML algorithms to solve specific problems.**

EDUCATION

Vel Tech Multi Tech, Chennai | B.Tech, Computer Science & Engineering

- **Expected Graduation: 2027**
- **Current CGPA: 7.63**

Viveka Matric Hr. Sec. School, Sivagiri | Higher Secondary Certificate

- **Completed: April 2023**
- **Percentage: 80.00%**

AREA OF INTREST

- **Learning new IT tech**
- **Promt engineering**
- **Web Development**
- **Software Development**

Languages Known

- **English**
- **Tamil**
- **Malayalam**

Contact

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