

PAVAN R K

Full Stack Developer

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Professional Summary

Motivated and adaptable Computer Science student with hands-on experience in full-stack development, UI/UX design, and AI/ML applications. Proficient in Java, C++, and JavaScript, with a strong foundation in data structures and algorithms. Skilled in designing responsive applications and deploying ML models on real-world datasets.

Work Experience

AI/ML Intern - Rooman Technologies (Jan 2024 - Apr 2024) - Completed Wadhvani Foundation's OJT in AI/ML. - Built ML models and worked with real-world datasets. - Participated in collaborative model deployment.

Full Stack Developer Intern - Varcons Technologies (Dec 2023 - Jan 2024) - Designed responsive front-end interfaces and API integrations. - Worked with GitHub and Agile workflows. - Focused on mobile-first user experience.

Trainee - 10 Seconds (Oct 2022) - Gained professional communication and soft skills. - Completed Microsoft Office training module.

Education

Bachelor of Engineering – Computer Science Rajeev Institute of Technology, VTU – Hassan Expected Graduation: June 2025

Projects

LoRa-Based Agriculture Monitoring System (Soil Moisture) *Date: [MM/YYYY – MM/YYYY]* - Developed a smart irrigation system using LoRa sensors for real-time soil moisture monitoring. - Collected and transmitted soil data to a centralized dashboard for analysis. - Enabled data-driven irrigation decisions to optimize water usage and improve crop yield.

NGO Food Donation Platform - Web application connecting donors with NGOs. - Implemented CRUD functionalities for seamless data handling.

Flappy Bird Clone - JavaScript game using Canvas API. - Designed game mechanics, scoring, and interactive UI.

Real Estate Management System - CRUD application for property listings. - Built responsive front-end and database integration.

Ignyt – The Beer Lounge - UI/UX branding project using Figma. - Created wireframes, mockups, and brand design concepts.

Technical Skills

Languages: Java, C++, JavaScript, HTML5, CSS3, Go **Tools:** GitHub, Android Studio, Figma **Strengths:** Full Stack Development, AI/ML, UI/UX, Data Structures & Algorithms, Agile Workflows

Certifications

- AI/ML OJT – Wadhvani Foundation
- START Program – ISRO
- UI/UX Hackathon – Participation
- Cybersecurity & Ethical Hacking – Workshop
- ISRO Space Awareness Program – Certificate of Merit