

PAVAN . M

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SUMMARY

Ambitious Information Science Engineer skilled in Java programming, Data Structures and Algorithms and Web Development. Proficient in Front-End Development and experienced in Java and RESTful API integration. Strong problem-solving and analytical skills with a passion for creating efficient, user-friendly web applications. Eager to grow as a Java Developer while contributing to innovative projects and delivering scalable solutions in challenging technical environments.

INTERNSHIP

Small Banking Transaction System | Forage JPMorgan Chase & Co Virtual Experience :

- Worked on a simulated small banking transaction system using Java and Spring Boot.
 - Gained hands-on experience in Project Setup, Kafka Integration, H2 Database Integration, REST API Development, and REST API Controller Implementation.
 - Developed understanding of message-driven architecture, transaction handling, and API-based system communication.
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TECHNICAL SKILLS

Languages: Java, CSS3, HTML

Tools: VS Code, Jupyter Notebook

Frame Works:React,Node.js

Coursework: Data Structures, DBMS, Operating System

PROJECTS

1.Smart Parking System : (Java, Spring Boot, HTML, CSS, JavaScript, and PostgreSQL) - GitHub Link

- Developed a full-stack Smart Parking System enabling automated parking slot management and real-time vehicle tracking.
- Implemented RESTful APIs and relational database design, optimising data flow between frontend and backend for seamless booking, billing, and user management functionalities.
- Built a scalable, secure backend architecture with role-based access control, dynamic pricing logic, and an admin dashboard for comprehensive parking analytics and operations.

2.Urban GreenScape : Front-End (HTML, CSS, JavaScript, React.js) - GitHub Link

- Developed a responsive web application to transform unused urban rooftops into sustainable community gardens.
 - Implemented interactive features including volunteer sign-up, appointment scheduling, donation workflow, and partner onboarding. Integrated Urban GreenBot, an eco-chatbot, to assist users with real-time FAQ responses.
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CERTIFICATIONS

Certified in Java from Infosys

- 2024

Certified in Front-end web development from IBM SkillsBuild

- 2025

ACHIVEMENTS

Co-Author – “Smart Farming Using AI and IOT”

- Research paper accepted at Cambridge Institute of Technology (2025) on integrating IoT and AI for efficient water management and predictive irrigation, including AI-driven plant disease detection .

Rural Product Promotion | Student Team Leadership :

- Led a student team of 5 members to promote rural products in urban markets by developing and executing targeted marketing strategies. Built strategic partnerships with 5+ local businesses, expanded product visibility, and applied market research to optimize positioning, resulting in a 30% sales increase and connecting rural artisans with urban consumers.
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EDUCATION

Bachelors of Engineering (B.E) -ISE

CGPA - 8.01

2022 - 2026

Cambridge Institute of Technology , Bangalore

CAREER SKILLS

- Problem Solving
- Teamwork