

ROKKAM VAASANTHINI

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LinkedIn | GitHub |

PROFESSIONAL EXPERIENCE

• Java Full Stack Developer Intern

10/2024 – 03/2025

AICTE Internship Program

Remote

- Worked on Java full stack application development focusing on backend logic and RESTful APIs.
- Applied core Java, OOPS principles, and database integration in real-world scenarios.
- Gained hands-on exposure to scalable application design and backend workflows

• Full Stack Developer Intern

06/2024 – 09/2024

Learn Square Technology

Remote

- Collaborated in a team to develop a Hospital Management System (Meditrack Lite) using the MERN stack.
- Developed backend APIs using Node.js and Express.js for appointment and user management.
- Integrated MongoDB for patient, doctor, and appointment data with CRUD operations.
- Used Git and GitHub for version control and team collaboration.

EDUCATION

• Bachelor of Technology (B.Tech) - Computer Science and Engineering

2022-2026

Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh, India

CGPA: 9.18/10.0

- **Leadership:** Tech Lead at Entrepreneurship Cell, managing 6-member technical team

• Intermediate (Mathematics, Physics, Chemistry)

2023

Sri Chaitanya Junior College, Palasa, Andhra Pradesh, India

97.8%

PERSONAL PROJECTS

• Yatra Suraksha – Tourist Safety Monitoring & Incident Response System

[GitHub](#)

Smart tourist safety monitoring platform – Backend API.

08/2025 – 10/2025

- Developed the backend service using **Node.js/Express** with a **modular architecture** for maintainable code
- Implemented **RESTful APIs** for user management, incident reporting, status tracking, and admin actions, consumed by the mobile app and admin portal
- Integrated with external services such as **Google Maps** and **real-time Socket.io** channels to support live location tracking and incident updates
- Added **authentication, authorization middleware**, and input validation to ensure secure and reliable handling of safety-critical data

• Meditrack Lite – Hospital Appointment Management System

[GitHub](#)

Hospital appointment booking and management system with secure CRUD operations.

- Developed a hospital appointment booking and management system with secure CRUD operations
- Designed REST APIs to handle doctor and patient workflows, improving scheduling efficiency

• CalmSpace – AI Mental Health Assistant

[GitHub](#)

Full-stack chatbot providing student mental health support with AI-powered empathetic responses.

- Built a full-stack chatbot using Python (Flask) and Google Gemini API to provide student mental health support
- Integrated NLP for empathetic, context-aware responses and automated grounding exercises
- Developed a modern UI with a Mood Tracker and an Emergency Response system
- Optimized readability by implementing Markdown parsing for AI-generated content

TECHNICAL SKILLS

Programming Languages: Python, Java, C, SQL

Development Tools: Git, GitHub, VSCode, Google Colab, n8n

Frameworks & Libraries: Flutter, Node.js, Express.js, Flask, React.js, RESTful APIs

Cloud & Databases: Firebase, MongoDB, Pinecone Vector DB, MySQL

Methodologies: Agile Development, SDLC, API Integration, Version Control (Git)

Soft Skills: Communication skills, Technical Leadership, Cross-functional Collaboration

CERTIFICATIONS

- **Agentforce Specialist Certification** – Certification demonstrating expertise in Salesforce Agentforce and AI-powered service agents.

ACHIEVEMENTS

- **AFE Zuvy Scholar 2024** Selected among the Top 500 candidates from 5,000+ applicants 2024
- **Winner - Code Slayer (Internal Hackathon)** Built FinSaathi - An AI-powered financial assistant offering personalized b