

# ROKKAM VAASANTHINI

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LinkedIn | GitHub |

## PROFESSIONAL EXPERIENCE

### • Java Full Stack Developer Intern

*AICTE Internship Program*

- 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

10/2024 – 03/2025

Remote

### • Full Stack Developer Intern

*Learn Square Technology*

06/2024 – 09/2024

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

### • Medittrack 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