

MARAM KALPANA

Full Stack Developer — AI & Machine Learning

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Career Objective

Full Stack Developer with hands-on experience in **React**, **React Native**, **REST APIs**, **SQL**, and strong foundations in **AI**, **Machine Learning**. Seeking an entry-level role to build scalable, data-driven applications.

Technical Skills

Languages: Python, C, C++, JavaScript

Frontend: React js, React Native, JavaScript, HTML, CSS

Backend: REST APIs, Node.js (Basics)

Database: SQL,MangoDB

AI/ML: Machine Learning(Intermediate), CNN

Tools: Git, VS Code

AI Tools: Stitch,Lovable,Cursor

Experience

Full Stack Developer Intern — Zaktis IT Solutions

Nov 2025 – Present

- Developing a **Society Management Mobile Application** using React Native.
- Implemented authentication, role-based access, REST API integration, and local storage.
- Built reusable UI components and optimized application performance.

AI Data Analyst Intern - The AI SCHOOL

Aug 2025 – Oct 2025

- Performed data cleaning, preprocessing, and exploratory data analysis using Python.
- Applied machine learning techniques to identify patterns and trends.
- Created visualizations to support data-driven decision making.

Projects

Society Management Application

- Mobile application to digitalize residential society operations.
- Modules include member management, notices, complaints, and maintenance tracking.
- Improved communication efficiency between residents and administrators.

Ship Extraction Using Post-CNN

- Developed a Post-CNN based deep learning model for ship detection from satellite images.
- Applied image preprocessing and feature extraction techniques.
- Achieved improved detection accuracy under varying weather and lighting conditions.

IoT Botnet Attack Detection

- Built a ResNet-18 based framework to detect DDoS attacks in IoT networks.
- Classified normal and malicious traffic for early attack detection.
- Enhanced network security by reducing false positives in attack detection.

Education

B.Tech in Computer Science and Engineering — GPA: 8.46

Trinity College of Engineering and Technology, Peddapallli

Intermediate (MPC) — GPA: 9.58

Trinity Junior College, Peddapallli

Certifications

- NPTEL – Python for Data Science
- Oracle Academy – SQL
- Python Certificate from Hacker Ranker

Achievements

- College Topper
- Class Representative
- RD Co-Ordinator
- National-level sports participant

Interests

- Full Stack Development
- AI & Machine Learning
- Health & Fitness