KUMMARI SAI HARSHITHA

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Professional Summary

AI-focused Full Stack Developer with hands-on experience in deterministic UI systems, REST API development, and cloud security monitoring. Skilled in React, Python, Flask, SQL, and Linux-based system tools including eBPF and Falco. Strong understanding of scalable application architecture and real-time system behavior.

Technical Skills

Languages: Python, Javascript, SQL
Frontend: HTML, CSS, React
Backend: Flask, REST APIs
Database: SQLite, SQL
Cloud & Security: Linux, eBPF, Falco
Tools: Git, GitHub, Postman, VS Code, Docker

Projects

AI Deterministic UI Generator

- Developed a rule-based AI system to convert structured prompts into consistent UI components.
- Implemented dynamic UI rendering using JSON-driven architecture.
- Built modular React components integrated with Flask backend APIs.

Candidate Management System

- Designed and implemented a web application to manage candidate profiles and workflow tracking.
- Built Flask-based REST APIs for CRUD operations.
- Integrated React frontend with SQLite database for persistent storage.

Internship Experience

Full Stack Web Development Intern – Pantech Solutions

- Developed web applications and REST APIs with frontend–backend integration.
- Worked on database connectivity and real-time IoT data handling.

Cloud Security Intern – Megaminds

- Implemented eBPF for kernel-level event tracing in Linux.
- Used Falco for container runtime security monitoring and anomaly detection.

Education

Bachelor of Technology (B.Tech) – Electronics and Communication Engineering
Kommuri Pratap Reddy Institute of Technology (CGPA:8.00)   2022 – 2026

Certifications

Oracle SQL Certification
Internship Certificate – Pantech Solutions