Thogata Madam Hari Ram

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Summary

Results-oriented software developer with a strong foundation in building and deploying full-stack web applications. Proficient in developing robust backend services with **Node.js**, and creating dynamic, responsive user interfaces with **React.js**.

Education

JNTU Anantapur, B.Tech in Computer Science   Dec 2021 – April 2025
- GPA: 8.09/10.0
- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, DBMS, Software Engineering

Experience

Software Development Intern, – Slash Mark IT Solutions   May 2024 – July 2024
- Engineered a RESTful API using **Python** and **Flask** to power a spam detection service, capable of processing and classifying over 5,000 email samples with high accuracy.
- Developed a scalable backend system for time-series forecasting, delivering stock price predictions through well-defined API endpoints consumed by a frontend dashboard.

Deep Learning Intern, – IIITDM Kurnool   Dec 2024 – April 2025
- Role in the development of a UAV-based crop monitoring system using multispectral imagery
- trained CNN models to detect drought stress with 92decisions.

Technologies

Frontend	React.js, Next.js, JavaScript (ES6+), HTML5, CSS3
Backend	Python, Node.js, Flask, Express.js
Databases	SQL (PostgreSQL, MySQL), MongoDB
Tools & Concepts	Git, Docker, REST APIs, Agile Methodologies, CI/CD

Projects

Full-Stack E-Commerce Platform   github.com/E-Commerce
- Architected a complete e-commerce application with features like product search, shopping cart, and user authentication.
- Built a scalable backend API using **Node.js**, **Express.js**, and **MongoDB** to manage users, products, and orders.

Full-Stack Agricultural Insights App   github.com/Agriculture
- Developed a responsive React.js frontend to provide farmers with real-time crop health insights and actionable recommendations.
- Integrated the frontend with a backend API to display analysis results from user-uploaded images, enhancing decision-making in precision agriculture.

Music Recommendation Platform   github.com/Music
- Architected a recommendation engine using **Python**, exposing personalized music suggestions through a set of RESTful API endpoints.
- Designed and implemented a web application using **React.js** and **Node.js** for the BFF layer, allowing users to browse and receive recommendations.