VEERANARAYANA VALLAPUNENI

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OBJECTIVE

To strive for excellence in the industry with dedication, focus, and a positive attitude, and to utilize my knowledge and skills in the best possible way for achieving organizational goals.

EDUCATION

Bachelor of Technology in Information Technology, Malla Reddy College of Engineering — 2021 − 2025
CGPA: 7.1

Intermediate (MPC), Jupiter Junior College — 2019 − 2021
PERCENTAGE: 93%

SSC, Geethanjali High School — 2018 − 2019
GPA: 9.8

SKILLS

Programming Languages	C, Python, Java
Web Technologies	HTML, CSS, JavaScript, React.js
Database	MySQL
Soft Skills	Communication, Leadership

INTERNSHIP

Fullstack Web Development Intern — Nov 2024 − Dec 2024
Unified Mentor

- Developed and maintained responsive web applications using HTML, CSS, JavaScript, React.js, and Node.js.
- Integrated MongoDB for efficient data storage and retrieval.
- Improved web performance, reducing load times by 20% through code optimization and caching.
- Worked with UI/UX teams to ensure design consistency and usability.

PROJECTS

Unsupervised ML for Railway Safety. Designed and implemented an unsupervised machine learning system to detect and manage safety-related incidents in railway stations using real-time and historical data. Leveraged clustering algorithms (e.g., K-Means, DBSCAN) and anomaly detection techniques to identify abnormal passenger movement patterns, potential hazard zones, and operational risks.

ML for Web Vulnerability Detection. Developed a machine learning model to detect web application vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), and Remote Code Execution. Collected and preprocessed datasets comprising HTTP traffic and request payloads. Applied supervised learning algorithms (Random Forest, SVM, XGBoost) and natural language processing (NLP) techniques to classify malicious requests.

CERTIFICATIONS

Python Essentials for Beginners – Mindluster

Software Programmer– NSDC

Full Stack Web Development Internship – Unified Mentor

IT for Business Success – HP