LOORDU PRATHYUSH REDDY SOUDU

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LinkedIn | LeetCode | GitHub | Codeforces | HackerRank

SUMMARY

Computer Engineering graduate with a specialization in AI and ML. Proficient in Python programming, data structures, and cloud technologies. Skilled at solving complex problems, quickly learning new technologies, and leading innovative projects with creativity and technical expertise.

EDUCATION

Presidency University, Bangalore, India
B.Tech in Computer Engineering (AI and ML) CGPA: 7.09/10.0

Sri Chaitanya Junior College, Vijayawada, India
XII (APBIE) – Maths, Physics, Chemistry Marks: 9.54/10.0

Sarvagna E. M. High School, Andhra Pradesh, India
X (SSC) CGPA: 9.3/10.0

SKILLS

Technical Skills: Python, C, Data Structures and Algorithms (DSA), Git/GitHub, Excel, AI/ML Fundamentals, MySQL, HTML, CSS.
Personal Attributes: Quick learner, problem solver, initiative-driven, versatile, leadership, creative thinker.

CERTIFICATIONS

Core Java and Applications Presidency University
Completed an in-depth course on Core Java, mastering object-oriented programming, data structures, algorithms, and Java applications through hands-on projects.

Supervised Machine Learning Simplilearn
Certified in Supervised Machine Learning, gaining expertise in regression, classification, and model evaluation techniques. Applied theoretical knowledge to practical datasets and projects.

Agile Scrum Foundation Simplilearn
Achieved certification in Agile Scrum methodologies, covering Agile principles, Scrum framework, and project management techniques. Demonstrated skills in iterative development and team collaboration.

PROJECTS

Crop Surveillance System: Designed and implemented an IoT-based crop monitoring system to improve agricultural efficiency. Utilized sensors for real-time data collection, including temperature, humidity, and soil moisture. Integrated Arduino for hardware control and ESP32 for wireless data transmission to a cloud server, enabling farmers to monitor crop conditions remotely.

Weather Monitoring System: Developed a responsive weather monitoring application using React.js. Leveraged APIs to fetch real-time weather data and visualize it dynamically through interactive charts and dashboards. Focused on user-friendly design to ensure seamless access to weather updates across various devices.

An Analysis of Early Prediction of Multiple Diseases Using Machine Learning: Developed a machine learning model to predict lifestyle diseases like diabetes and heart conditions using algorithms such as SVM, Logistic Regression, Naive Bayes, Neural Networks, and Random Forest. Created a web interface for users to input symptoms and receive instant, cost-effective predictions.