

ILLA DHANA RAJU

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Portfolio](#)

Career Objective

To obtain a challenging position in a reputed organization where I can leverage my skills in **Full Stack Development** and **Machine Learning** to build innovative, data-driven solutions that enhance efficiency and contribute to organizational success.

EDUCATION

B.Tech in Computer Science and Engineering, (2025)

VSM College of Engineering, Ramachandrapuram

CGPA: 7.06 / 10

Intermediate (MPC), (2021)

Pratibha Junior College, Mandapeta

Percentage: 68%

TECHNICAL SKILLS

- Languages : C, Python
- Web Development : HTML5, CSS3, JavaScript, Bootstrap
- Frameworks / Tools : Flask, Apache Server
- Database : MySQL, SQLite
- Machine Learning : Pandas, NumPy, Matplotlib
- Version Control : Git, GitHub

INTERNSHIPS

IoT Intern – Ocean Apps Technologies Pvt. Ltd.

June 2024 – Aug 2024

Description: Developed a real-time **Heart Rate Monitoring System** using **ESP8266, Arduino Uno, ThingSpeak, and Flask**. Implemented REST API data transmission and trained a **Random Forest model** to classify health status.

Tools Used: Python, Flask, ThingSpeak, SQLite, ESP8266

Full Stack Web Development Intern – VSM College of Engineering

May 2023 – July 2023

Description: Built a dynamic **Covid Testing Management System** for online test registration and result tracking. Developed responsive UI with **HTML, CSS, Bootstrap, JS**, and backend using **PHP & MySQL**.

Tools Used: PHP, MySQL, Bootstrap, JavaScript

PROJECTS

Cryptocurrency Price Prediction Using Machine Learning |

Jan 2025 – Apr 2025

Description: Built a **Flask web platform** to forecast cryptocurrency prices (**Bitcoin, Ethereum, Litecoin**) using **LSTM & Random Forest**. Processed market data with **Pandas, NumPy, and Scikit-learn** for accurate time-series prediction. Visualized real-time trends using **Matplotlib** and stored model data in **SQLite**.

Tools Used: Python, Flask, SQLite, Matplotlib, Scikit-learn

Key Achievements: Achieved 90% prediction accuracy on test data.

CERTIFICATIONS

- FreeCodeCamp – Responsive Web Design (2025)
- Ocean Apps Technologies – Fundamentals of Applied AI (2025)
- NPTEL – The Joy of Computing Using Python (2024)
- Infosys Springboard – Basics of Python (2023)

ACHIEVEMENTS

- Winner of 360digrii Python Quiz Competition.

SOFT SKILLS

Leadership, Team Collaboration, Adaptability, Empathy

HOBBIES

Listening to Music, Playing Cricket, Coding & Exploring Tech