# ILLA DHANA RAJU

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## Professional Summary

Entry-level Software Engineer with a strong foundation in Python, Django, and web development. Proficient in machine learning techniques, including LSTM and Random Forest models, with experience in building efficient and user-friendly solutions. Demonstrated ability to process and visualize data using Pandas, NumPy, Matplotlib, and Scikit-learn. Eager to apply technical skills and contribute to team success through continuous learning and innovation.

## TECHNICAL SKILLS

- **Programming Languages**: Python, C.
- **Web Development**: HTML5, CSS3, JavaScript.
- **Frameworks**: Flask, Django.
- **Database**: MySQL, SQLite.
- **Machine Learning**: Pandas, NumPy, Matplotlib.
- **Tools / Platforms**: Git, GitHub, VS Code.

## INTERNSHIPS

**IoT Intern – Ocean Apps Technologies Pvt. Ltd.**　　　　　　　　　　　　**06/2024 - 08/2024**

- 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.
- Build with Python, Flask, ThingSpeak, SQLite, ESP8266

## PROJECTS

**Ecommerce Website Using Django**　　　　　　　　　　　　　　　　**11/2025 – 12/2025**

- Developed a **full-stack E-commerce web application** using **Python, Django, HTML, CSS, JavaScript**, and **MySQL**.
- Implemented **role-based authentication**, product, cart, order, and **payment integration (Razorpay & COD)**.
- Built admin and vendor dashboards using Django ORM, AJAX, and MySQL for real-time data handling.

**Cryptocurrency Price Prediction Using Machine Learning**　　　　　　　**01/2025 - 04/2025**

- Developed a Flask web platform to forecast cryptocurrency prices (Bitcoin, Ethereum, Litecoin) using LSTM & Random Forest.
- Achieved up to **90% prediction accuracy** on test data by processing market data with Pandas, NumPy, and Scikit-learn for accurate time-series prediction.
- Built **user dashboards** with **Flask, SQLite**.

## EDUCATION

**B.Tech - Computer Science and Engineering (CSE)**　　　　　　　　　　**2021 - 2025**
VSM College of Engineering, Ramachandrapuram
CGPA: 7.06 / 10

**Intermediate (MPC)**　　　　　　　　　　　　　　　　　　　　　**2020 - 2021**
Pratibha Junior College, Mandapeta
Percentage: 68%

## ACHIEVEMENTS & CERTIFICATIONS

- 360digrii – Python Full Stack Completion Certificate (2025)
- Winner of 360digrii Python Quiz Competition.
- 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 (2024)

## SOFT SKILLS

Leadership, Team Collaboration, Adaptability, Empathy

## Interests

Listening to Music, Playing Cricket, Coding & Exploring Tech