

RAJANALA MANOHAR REDDY

+91 7995791547 | manoharreddyrajanala@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Backend-focused software developer skilled in Python, Django, and API development. Built and deployed scalable web applications and ML-driven systems, including a cyber threat detection platform achieving **~85% F1-score**. Experienced in debugging, database integration, and building reliable backend workflows.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++

Backend: Django, REST APIs

Frontend: HTML, CSS, JavaScript

Libraries/Tools: NumPy, pandas, OpenCV, scikit-learn

Databases: SQL, SQLite

Core Concepts: Data Structures, Algorithms, OOP, DBMS

WORK EXPERIENCE

Full Stack Development Trainee (Python)

Sofzenix IT Solutions LLP | Virtual

Sep 2025 – Present

- Developed a **multi-page web application (10+ pages)** with dashboards and user modules using HTML, CSS, and JavaScript.
 - Implemented **event registration and management features**, aligning with client requirements.
 - Validated APIs and database workflows using SQL, identifying **20+ defects** and improving system reliability.
 - Contributed to development workflow using Git and debugging tools.
-

PROJECT

Automated Cyber Threat Identification (NLP)

Tech Stack: Python, Django, scikit-learn, pandas, SQLite

Mar 2025 – June 2025

- Built a **Django-based NLP system** for cyber threat classification using TF-IDF and ML models
- Implemented text preprocessing and feature extraction (CountVectorizer) with ML models (Logistic Regression, SVM, Naive Bayes)
- Achieved **79.3% accuracy** and **~85% F1-score**, optimizing model performance through comparison and tuning
- Developed **REST APIs and model caching**, reducing inference time to **~100–200ms**.

AI-Powered Image Stylization Platform

Tech Stack: Python, Streamlit, OpenCV, SQLite, Razorpay API

Jan 2026 – Mar 2026

- Built a full-stack image stylization platform using Streamlit and OpenCV with modular pipelines
 - Implemented secure authentication and payment-gated downloads using bcrypt and Razorpay
 - Designed a performance-optimized pipeline enabling real-time image transformation and preview
 - Developed persistent user gallery using SQLite for storing processed images
-

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science and Engineering

Malla Reddy College of Engineering, Hyderabad

2021 – 2025 | **CGPA: 7.0/10**

Intermediate (Class XII)

Oxford Junior College, Narasaraopet, Andhra Pradesh

2019 – 2021 | **Percentage: 90.05%**

Secondary School (Class X)

Oxford High School, Narasaraopet, Andhra Pradesh

2018 – 2019 | **CGPA: 9.2/10**

CERTIFICATES

Python Foundation Certificate - Infosys Springboard

Object Oriented Programming Python - Infosys Springboard

Software Engineering & Agile - Infosys Springboard

Database Management (Part 1 & 2) - Infosys Springboard

Generative AI Models - Microsoft Azure AI