

# Nalla Anikethan Reddy

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📞 +91 7989461409

✉️ anikethanreddynalla@gmail.com

🔗 [www.linkedin.com/in/anikethan-reddy-nalla-bb9779317](https://www.linkedin.com/in/anikethan-reddy-nalla-bb9779317)

📍 Hyderabad, India

💻 Portfolio: [https://anikethan-ux.github.io/anikethan\\_protfolio/](https://anikethan-ux.github.io/anikethan_protfolio/)

## Professional Summary

IT Graduate skilled in Python, Java, and SQL with hands-on internship experience in Machine Learning and web development. Passionate about building real-world applications using modern technologies like Django, .NET, and cloud platforms. Strong foundation in programming, problem-solving, and data analytics with a collaborative and growth-oriented mindset.

## Internship Experience

E-Code Learning Software Services | Stock Price Prediction using Machine Learning (May 2024 – Jul 2024)

- Built and optimized ML models (Linear Regression, LSTM, Random Forest) for stock price prediction.
- Performed feature engineering, data preprocessing, and time-series analysis for better model accuracy.
- Integrated real-time APIs and visualized insights using Matplotlib and Seaborn.
- Evaluated models using RMSE and MAPE to improve predictive accuracy.
- Collaborated with a team to present insights aligning with financial forecasting use cases.

## Academic Projects

### ❖ AI-Powered Biometric Authentication System for Secure Bank Lockers

Developed a secure biometric system using Raspberry Pi integrating fingerprint and facial recognition. Implemented encryption, cloud connectivity, and AI-based authentication for safe access control.

### ❖ Advanced Visual Computing – MATLAB Image Processing

Designed and implemented image enhancement, filtering, and segmentation algorithms in MATLAB for object detection and image analysis.

### ❖ College Sports Management System (.NET Project)

Developed a multi-layered College Sports Management System using ASP.NET, C#, and SQL Server with modular architecture, security, and scalable design.

### ❖ Personal Portfolio Website

Developed and deployed a personal portfolio website showcasing projects, certifications, and contact details using HTML, CSS, and JavaScript.

## Education

B.Tech in Electronics and Communication Engineering (Specialization in AI & ML)  
GITAM University | 2021 – 2025

Intermediate | Sri Chaitanya Junior College | 2019 – 2021

Secondary School | Tejaswi High School | 2018 – 2019

## Technical Skills

Programming: Python, Java, C

Web Technologies: HTML, CSS, JavaScript, .NET, Django

Databases: MySQL, DBMS

Tools & Platforms: Microsoft Azure, MATLAB, GitHub

Soft Skills: Problem-Solving, Team Collaboration, Adaptability

## Achievements & Certifications

- Microsoft Azure Fundamentals Certification
- Python in Machine Learning Certification
- C for Everyone – Programming Certification
- Electric Vehicle Technology Workshop Participation
- GenAI Powered Data Analytics Job Simulation (TATA Company)
- Software Engineering Job Simulation (JP Morgan Chase & Co)

## Languages

English (Fluent), Hindi (fluent), Telugu (Fluent)