

# NETHAJI

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## CONTACT

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Email: [nethaji2902@gmail.com](mailto:nethaji2902@gmail.com)

Phone No.: 7624845703

## Profile Summary

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B. Tech graduate in Computer Science and Engineering(AI & ML) with strong skills in Python, Django, HTML, CSS, SQL, NumPy, and Pandas. Focused on web development and AI/ML applications.

## SKILLS

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### Technical Skills:

- **Languages:** Python, Java, SQL, HTML, CSS, Machine Learning
- **Libraries:** NumPy, Pandas, Matplotlib
- **Tools:** Power Bi, VS Code, PyCharm, Jupyter Notebook
- **Concepts & Practices:** Software Development Life Cycle, Inheritance, Encapsulation, Abstraction, Polymorphism, Joins
- **Framework:** Django

### Soft Skills:

Problem-solving, Time Management, Critical Thinking, Adaptability

## INTERNSHIP

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### CORATIA

September 2023 to October 2023

### Artificial Intelligence Intern Role

- Designed and trained models for real-time text analysis and classification, increasing classification accuracy by 20% through data preprocessing and hyperparameter tuning.
- Collaborated with a cross-functional team to integrate NLP features into an AI-driven chatbot, enhancing customer satisfaction scores by 15%.

**Technologies:** NLP, RNN, Python, AI & ML

## Projects:

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### 1. Smart Enrollment API with FastAPI

- Developed APIs for full CRUD operations on institute, course, and student records, increasing data management efficiency by 40%. Implemented search functionality and secure file uploads for student photos, leading to a 30% reduction in administrative processing time. Automated PDF generation for student ID cards, saving 20+ hours per month.
- **Technologies:** FastAPI, Pydantic, SQLAlchemy, MySQL, Uvicorn, Postman

### 2. SentimentSense: AI Chatbot

- Built an LSTM-based RNN for real-time sentiment analysis, achieving a 92% accuracy rate and increasing customer engagement by 25%. Designed an intuitive user interface, enhancing user interaction and resulting in a 15% boost in overall satisfaction scores.
- **Technologies:** RNN, NLP, TensorFlow, NumPy, Pandas, Scikit-learn

### 3. AI-Driven Cloud Security for Unauthorized Access Prevention

- Created an SVM model for detecting privilege escalation attacks, improving threat detection accuracy by 15.72% and enhancing cloud security measures. Designed secure interfaces for user management and access control, contributing to a 30% decrease in unauthorized access incidents.
- **Technologies:** SVM, Python, Django, Bootstrap, MySQL, XAMPP server

## EDUCATION

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### Bachelor of Technology

September 2020 TO MAY 2024

Siddharth Institute of Engineering & Technology, Puttur, AP

CSE(AI&ML) | 7.7 CGPA

Relevant Course Work: Fundamentals of AI, Machine Learning, Software Engineering  
DBMS, Operating System

### Intermediate

June 2018 TO March 2020

Narayana Junior College, Tirupati, AP

MPC | 7.67 CGPA

### Secondary Education

June 2017 TO March 2018

Little Angels High School, Tirupati, AP | 8.3 CGPA

## AWARDS & CERTIFICATIONS

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- Secured **First place** in the **Technical Quiz Competition** held at our college, showcasing strong problem-solving skills and technical knowledge..
- **AZURE FUNDAMENTALS** from Microsoft
- **FULL STACK PYTHON** from Naresh IT
- **ARTIFICIAL INTELLIGENCE** from Teachnook
- **CORE JAVA** from QSpiders