

# PURAM NAGENDRA

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## OBJECTIVE

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Passionate MCA graduate with expertise in Python, machine learning, and deep learning, eager to transform complex data into actionable insights. With strong problem-solving and collaboration skills, I aim to bring fresh ideas and analytical skills to a dynamic data science team, driving innovation and growth.

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## EDUCATION

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### Master of Computer Applications (MCA)

**CGPA: 9.0/10.0 | 2022-2024**

*Madanapalle Institute of Technology & Science, Madanapalle*

### Bachelor of Computer Applications (BCA)

**CGPA: 8.8/10.0 | 2018-2021**

*SIES College of Management Studies, Bengaluru*

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## PROJECTS

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### A Web-based Stock Price Projection using Deep Learning and Django

**02/2024-06/2024**

- **Description:** Developed a web-based system for predicting stock prices using deep learning and Django. The system provides stock price forecasts with a user-friendly interface for inputting stock symbols and visualizing past and projected price trends.
- **Technologies used:** *Django, Pandas, Plotly, TensorFlow, Keras, HTML, CSS, JavaScript.*

### A Robust method for Malware Analysis using Stacking Classifiers and Autoencoders

**11/2023-02/2024**

- **Description:** Developed a robust malware analysis system leveraging stacking classifiers and autoencoders. The project involved combining multiple machine learning models to enhance detection accuracy and using autoencoders for feature extraction and anomaly detection. This innovative approach significantly improved and produced an accuracy of 97%.
- **Technologies used:** *NumPy, Pandas, Scipy, Matplotlib, Seaborn, TensorFlow.*

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## TECHNICAL SKILLS

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**Languages:** Python, Java, PostgreSQL, MySQL

**Frameworks and Libraries:** Django, Numpy, Pandas, SciPy, Matplotlib, Seaborn, Plotly, Scikit-learn, TensorFlow, Keras

**Tools & Platforms:** Git, Jupyter, Power BI, Selenium

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## CERTIFICATIONS

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- **Google Data Analytics Certification (Coursera)**