

# RASANI ROHITH

Phone:9347553214 | Email:rohitrasani@gmail.com | Location: Nellore , Andhra Pradesh LinkedIn:  
<https://www.linkedin.com/in/rohith-rasani-aa6b82316> | GitHub : <https://github.com/Rohith1517>

## Professional Summary

Python Full Stack Developer skilled in Python, Django, React.js, APIs, and MySQL, with experience in Building scalable web applications and AI/ML projects. Proficient in Agile development, Git/GitHub ,cloud usage(Firebase), strong problem-solving and teamwork abilities.

## Technical Skills

- **Programming Languages:** Python, JavaScript
- **Web Technologies:** HTML5, CSS3, React.js, Django, Bootstrap
- **Database Management:** MySQL
- **Tools & Platforms:** VS Code, Git, GitHub, Google Colab, Jupyter Notebook
- **Cloud & Backend Services:** Basic knowledge of Firebase(Authentication , Data Storage)
- **Artificial Intelligence & Machine Learning:**
  - **Core:** Numpy, Pandas(data handling & preprocessing)
  - **Basic/Exposure:** OpenCV(image processing),Scikit-learn(PCA, ANN basics), Matplotlib(data visualization)
  - Familiar with (Project use):TensorFlow, Keras (basic implementation for model training)

## Education

### Bachelor of Technology/Engineering in Mechanical

2020 – 2024

PBR Visvodaya Institute Of Technology And Science, Jawaharlal Nehru Technological University Anantapur  
Percentage: 69.34

## Projects

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|----------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Student Management System   Django, MySQL, Bootstrap  </b>                                            | <b>07/2024 – 10/2024</b> |
| ● Developed a centralized student management system with CRUD operations (Create, Read, Update, Delete). |                          |
| ● Designed secure modules for admissions, academic records, and attendance tracking.                     |                          |
| ● Implemented MySQL database integration with Django for managing student data and CRUD operations.      |                          |
| <b>Magical Shopper (E-commerce Website)   React.js, REST APIs, Firebase  </b>                            | <b>10/2024 – 01/2025</b> |
| ● Built a responsive e-commerce platform with product catalog, cart, and checkout features.              |                          |
| ● Developed React-based e-commerce frontend with dynamic product listing and cart management             |                          |
| ● Integrated Firebase APIs for user authentication and cloud storage of login data (email/password) .    |                          |

## Internships & AI Projects

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|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Artificial Intelligence Intern   Internz Learn  </b>                                                                                                | <b>02/2025 – 04/2025</b> |
| ● Developed and trained a CNN-based image classification model using TensorFlow/Keras on a Kaggle dataset, achieving robust performance on unseen data |                          |
| ● Implemented data preprocessing, normalization, and data augmentation (random flips, rotations, and zoom) to enhance model generalization.            |                          |
| ● Added dropout layers and monitored training/validation performance to prevent overfitting and improve model reliability                              |                          |
| ● Visualized training and validation accuracy and loss curves using Matplotlib to analyze and evaluate model performance.                              |                          |

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|------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Face Recognition using PCA &amp; ANN   Internship Studio  </b>                                                      | <b>06/2025 – 07/2025</b> |
| ● Developed a face recognition system using PCA for feature extraction and ANN (MLPClassifier) for classification.     |                          |
| ● Preprocessed images with grayscale conversion, resizing, and normalization, ensuring consistent input for the model. |                          |
| ● Trained and evaluated the ANN on PCA-transformed data, achieving up to 68% accuracy on unseen test images            |                          |
| ● Visualized predictions and performance trends using Matplotlib, enhancing interpretability of model results.         |                          |

## Certifications

- Python Full Stack Developer from Issuing Saag Technologies Pvt Ltd (07/2024 – 01/2025)
- Python Programming from Elewayte (07/2023)
- Artificial Intelligence from Internz Learn (02/2025 – 04/2025)
- Artificial Intelligence from Internship Studio(06/2025 – 07/2025)