

RASANI ROHITH

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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

Student Management System | Django, MySQL, Bootstrap |

07/2024 – 10/2024

- 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.

Magical Shopper (E-commerce Website) | React.js, REST APIs, Firebase |

10/2024 – 01/2025

- 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

Artificial Intelligence Intern | Internz Learn |

02/2025 – 04/2025

- **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.

Face Recognition using PCA & ANN | Internship Studio |

06/2025 – 07/2025

- 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)