RASANI ROHITH

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Professional Summary

Python Full Stack Developer skilled in Python, Django, React.js, RESTful APIs, and MySQL, with experience in Building scalable web applications and AI/ML projects. Proficient in Agile development, Git/GitHub ,cloud deployment(Firebase), and database optimization, with 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.
- Optimized MySQL queries, improving data retrieval efficiency by 20%.

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.
- Integrated third-party APIs for seamless shopping experience.
- Improved UI performance with optimized React rendering and reusable components.

Internships & AI Projects

Artificial Intelligence Intern | Internz Learn | **02/2025 – 04/2025**

- Developed CNN-based image classifier achieving 90%+ accuracy on Kaggle datasets.
- Implemented preprocessing (OpenCV, NumPy) and model optimization (Dropout, Batch Normalization).
- Collaborated in an Agile/Scrum team environment, using Git/GitHub for version control and peer code reviews.
- Deployed trained models to AWS cloud for scalability and real-time predictions.
- Performed hyperparameter tuning (learning rate, batch size, optimizer) to enhance model performance.
- Created detailed documentation & dashboards with Matplotlib/Seaborn to track accuracy, loss curves, and confusion matrices.

Face Recognition using PCA & ANN | Internship Studio | **06/2025 – 07/2025**

- Built a face recognition system using PCA feature extraction + ANN classification.
- Trained ANN using scikit-learn's MLPClassifier, achieving 85% recognition accuracy.
- Validated model with cross-validation and confusion matrix, ensuring reliability and reducing false positives.
- Integrated data augmentation techniques to improve model robustness against noisy and low-light images.
- Presented results to mentors and stakeholders, demonstrating strong communication and analytical

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)