MATAM PRAVEEN SWAMY

 Github | Linkedin
✉ matampraveen123@gmail.com | +91 7702390373

PROFESSIONAL SUMMARY

Entry-level Full Stack & Python Developer with strong foundations in data structures, databases, and backend development. Experienced in building scalable web applications using Django, REST APIs, SQL, and frontend technologies. Comfortable with problem-solving, system fundamentals, and enterprise application development.

EDUCATION

Computer Science & Engineering	**CGPA: 8.0**
Malla Reddy Engineering College (MREC)	**2024**

TECHNICAL SKILLS

Programming:	Python, JavaScript
Backend:	Django, REST APIs
Frontend:	HTML, CSS, React.js
Frameworks / Libraries:	Pandas, NumPy, Matplotlib, Scikit-learn
Databases:	MySQL(Primary), MongoDB
CS Concepts:	OOPs, DSA, DBMS
Tools:	Git, GitHub, VS Code

EXPERIENCE

Python Developer Intern – Path Creators   Aug 2024 – Dec 2024 — Hyderabad (Remote)
– Worked on end-to-end backend development using Python and Django, from requirement analysis to implementation and testing.
– Collaborated with team members to design reusable and scalable backend components.
– Performed data cleaning, analysis, and model evaluation using NumPy, Pandas, and Scikit-learn.
– Debugged and optimized Python code to improve application performance and reliability.
– Assisted with MySQL database design, connectivity, and basic query optimization.
– Followed Agile development practices including task breakdown and iterative delivery.
– **Tech Used**: Python, Django, MySQL, Git, NumPy, Pandas, Matplotlib, Scikit-learn

PROJECTS

AI-Powered Resume Screening System – Individual Project
– Designed and developed a Django-based end-to-end web application for automated resume screening.
– Implemented NLP pipelines using TF-IDF and Logistic Regression to match candidate skills with job requirements.
– Built reusable backend services and dashboards to support HR decision-making.
– Focused on scalability, maintainability, and clean code practices for real-world usage.

Crime Hotspot Prediction using Machine Learning – Team Lead
– Compared ML models (KNN, SVM, Random Forest, Naive Bayes, LSTM) for hotspot prediction.
– Achieved 20% higher accuracy with LSTM compared to traditional models.
– Led a remote team ensuring model evaluation and deployment efficiency.

CERTIFICATIONS

- **Python – Microsoft** View Certificate
- **Accenture Software Engineering**
- **Networking Basics** – Issued by Cisco View Certificate
- **Hands-On Introduction: Python** – LinkedIn Learning View Certificate
- **Manual Testing – Edify Path**