MOHAMMAD ASAD

- Intern at WeSalvator

✉️ mohdasad.9506@gmail.com | 📞 +91 7985669825 | 📍 Lucknow, Uttar Pradesh, India
🌐 Portfolio | 🔗 LinkedIn | 🐙 GitHub

SUMMARY

Passionate Python/Django developer with 6+ months of hands-on experience in building web applications and implementing AI/ML solutions. Proficient in backend development, database management, and data science, with a strong problem-solving mindset. Currently contributing to impactful projects at **WeSalvator.**

SKILLS

- **Programming Languages:** C, Python, Django, Django Rest Framework (DRF)
- **Web Development:** HTML, CSS, JavaScript
- **Data Science & Machine Learning:** Data Science, Machine Learning, Tableau
- **Database Management:** MySQL, PostgreSQL, DBMS
- **Version Control & API Testing:** Git, Postman

EXPERIENCE

Python/Django Developer Intern, WeSalvator **Nov 2024 - Present**

- **Developed the WeSalvator - Animal Rescue & Volunteer Coordination Platform:** A comprehensive system facilitating animal rescue operations, adoption processes, and NGO collaborations.
- **Implemented geolocation tracking:** Utilized Django and Redis WebSockets to enable real-time tracking of rescue operations and volunteer movements.
- **Built and optimized REST APIs:** Leveraged Django REST Framework to create efficient APIs for seamless data exchange between the platform and mobile applications.
- **Enhanced user authentication and authorization:** Integrated secure login mechanisms, ensuring data protection and personalized user experiences.

EDUCATION

Bachelor of Technology in CSE (AI & ML) **2020 - 2024**
Khwaja Moinuddin Chishti Language University, Lucknow
🎓 **SGPA:** 8.15

PROJECTS

AI & ML Projects

- **Movie Recommendation System:** Developed a content-based recommendation engine using cosine similarity and Streamlit UI.
- **Image Classification:** Built an AI model for image recognition.
- **Handwritten Digit Recognition:** Used a convolutional neural network (CNN) for digit classification.
- **Iris Classification:** Developed an ML model to classify iris flower species.

Python-Based Applications

- **Slack - Task Updates Bot:** Developed an automated bot for real-time task updates using Slack API.
- **Random Password Generator:** Secure random password creation tool using Python.
- **Calculator:** A simple GUI-based calculator using Tkinter/PyQt.
- **Rock-Paper-Scissors Game:** Interactive Python-based CLI game.
- **Fantasy Cricket Game:** Built a sports-based selection & scoring system.
- **Voice Assistant:** Implemented speech recognition for voice-based commands.

Web-Based Projects (HTML, CSS, JavaScript)

- **Live Language Translation:** A real-time translation web app.
- **Basic Text Editor:** A notepad-like web application with text formatting.
- **Expense Tracker:** A web-based tool for managing personal expenses.