AHMAR AAMIR

ML Engineer | Django Dev

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As a final year Information Technology student, adept in both AI and Django web development, I am passionate about crafting innovative IT solutions. With hands-on experience in artificial intelligence and a solid foundation in Django, I have honed my skills through academic excellence and practical projects. Eager to contribute my expertise to cutting-edge technology, I am poised to embark on a professional journey that merges creativity with technical prowess.

EXPERTISE

Project Management	Python, Javascript	Strong interpersonal skills
Data-driven Planning	Canva	Docker Container
Communication Skills	Tableau	Exceptional organisational skills

PROFESSIONAL EXPERIENCE

Center of Excellance - AI, Islamabad, PK   Mar 2023 - Present

Django Developer & Data Analyst

I have been working on Call Details Record (CDR) analyzer dashboard with Django framework and I am using plotly and other powerful visualization libraries to visualize charts and I am using sqlite3 database.

ML Engineering & Data Analysis Intern   July 2023 - Sept 2023

During my time as an intern, I contributed to projects that involved developing and implementing machine learning models. I collaborated with AI team to solve real-world problems using AI technologies. My responsibilities included data preprocessing, model training, and fine-tuning to enhance the performance of the algorithms. This experience not only deepened my understanding of machine learning but also allowed me to apply my skills in a professional setting.

Undergraduate Researcher   Mar 2023 - Nov 2023

As an undergraduate student researcher at COE-AI, I have been working on Final Year Project of my Bachelor's Degree. I have developed Health Informatics & Disease Prevalence analytical dashboard with Django and Machine learning techniques.

Safe City - H11/4, Islamabad, PK   Sep 2022 - Feb 2023

Django Development Intern

Designed and Revamp Islamabad police official to facilitate ease of use and access to critical information and provide easy access to citizens of Pakistan. Implemented user-centric design principles to enhance the functionality and accessibility of Islamabad Police's official platform, fostering seamless interaction with critical data and ensuring user-friendly access for the citizens of Pakistan.

Rockville Technologies - Gulberg Green, Islamabad, PK   Aug 2022 - Oct 2023

PHP Developer Intern

Conceptualized and constructed a dynamic PHP website for Rockville Games, incorporating features such as blogs, newsletters, career sections, update modules, and other functionalities to enhance user engagement and facilitate efficient communication.

EDUCATION

Bachelor of Sciences in Information Technology
                                        Feb 2020 – Feb 2024
Majors: Artificial Intelligence & Web Development
Bahria University Islamabad, PK
Grade: 3.70
Acheivements:
- In Top 3 Students of Batch
- Thrice Semester Scholarship Holder

EXTRACURRICULAR ACTIVITIES

- Photography
- Coding
- Gaming
- Book Reading
- Football

OPEN SOURCE PROJECTS

Health Lense - AI Based Health Informatics Analytical Dashboard   **July 2023 - Nov 2023**

- Developed a web application along for the time series analysis and hotspot identification of disease prevalence in Pakistan.
- Applied pre-processing techniques on the recorded spatial dataset of Cholera, malaria and Acute Viral Hepatis in Pakistan.
- Experimented various Time Series and Hotspot analysis techniques.
- Deployed a Pre-Trained Model fine-tuned on user uploaded dataset.
- Used Ajax with Bootstrap as frontend.

Jan 2023 - Feb 2023
University Management System

- Developed a Full Stack web application of complete university management system with various module using Django

Flight Fare Prediction System   **Dec 2022 - Jan 2023**

- Developed a semester project mainly focused on Machine learning for the prediction of flight fare prediction.

CERTIFICATIONS

- Data Visualization with python - Coursera
- Data Science Introduction - Coursera
- Spatial Data Science - Coursersa
- Data Science Foundation- GreatLearning
- SQL for Data Science - GreatLearning
- Introduction to Data Science - cisco

INTEREST AREAS

- Machine Learning
- Deep Learning
- Data Science
- Data Engineering
- Web Development