Mohsan Yaseen

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- Lahore, Pakistan
- Open to Remote
- Open to Relocate
- LinkedIn
- GitHub

SUMMARY

Experienced Python/ Backend Developer with a passion for crafting innovative solutions. Adept at turning complex challenges into elegant, efficient code. Specialized in automation, data extraction, and API development. Proven track record in seamlessly integrating diverse technologies to drive project success. Committed to delivering high-quality software solutions and eager to contribute to cutting-edge projects in a dynamic work environment.

SKILLS

Programming Languages Python (Programming Language), JavaScript (Programming Language)

Web Development Frameworks Flask (Web Framework), Django (Web Framework), React.js, FastAPI

Database Management PostgreSQL, MySQL, MongoDB, Redis

Tools Git, Postman, Selenium

Cloud Services and Development AWS, Ubuntu (Operating System), Nginx, Gunicorn

Interests Computer Vision, Machine Learning

EXPERIENCE

Python Developer
HR Matrix

   As a Python Developer at HRMatrix, a project-based company located in the USA, I specialize in integrating AI models and building Restful APIs. My role revolves around seamlessly integrating Django frameworks with AI models to develop robust and efficient APIs. This involves ensuring the smooth communication between AI functionalities and the APIs, contributing to the overall project success.

- Spearheaded the development of AI Survey Bot, enhancing HRMatrix's software suite and providing advanced survey capabilities to clients.
- Seamlessly integrated AI functionalities such as Resume Parsing and Interview Bot into existing HRMatrix software, optimizing workflows and improving user experience.
- Contributed to the enhancement of HRMatrix's product offerings by developing AI solutions like AI Interview Bot and AI Survey Bot, aligning with the company's focus on innovative HR technology.
- Played a pivotal role in the implementation of AI Face Attendance feature within HRMatrix's software, leveraging Python development skills to ensure accuracy and efficiency in attendance management.

Python Developer

Aug '23 — Jan '24

TecSpine

   As a Python Developer at TecSpine, I play a pivotal role in developing and maintaining various software components. My core responsibilities encompass Web Scraping, API Development, Backend Development, Database Design, Collaboration, and testing.

- Spearheaded key initiatives to enhance data retrieval efficiency, automate email data integration into Monday.com, and implement robust solutions for data extraction from eBay.
- Leveraged diverse technologies including pandas, Django, PostgreSQL, Redis, Flask, Beautiful Soup, and JSON to optimize processes and ensure data consistency.
- Engineered backend APIs resulting in an 90% reduction in lengthy data processing times by transforming US listing data from CSV files into a streamlined database, utilizing Django, PostgreSQL, JSON, and Redis.

Oracle Developer Intern

Jun '22 — Aug'22

PMS Pvt. Ltd.

  Two-month internship at PMS (Pvt.) Ltd., specializing in Oracle Database design development using Oracle 6i and 10g tools. Contributed to the WAPDA Project by designing and implementing databases, forms, and reports for multiple modules.

EDUCATION

Sep — Jun '23 **BS Software Engineering in Software Engineering,** The University of Lahore (UOL) (GPA: 3.04)

Lahore, Pakistan

PROJECTS

AI-Based Image to Caption Generating

Apr '24 Present

- Leveraging state-of-the-art techniques including semantic segmentation, and natural language processing with models like GPT, to automatically generate descriptive captions for images.

AI-Based Surveillance System FYP, The university of Lahore [Link](#)

Jan '23 — May '23

- Developed a cutting-edge web application utilizing deep learning and computer vision technologies to enable real-time tracking and re-identification of individuals in videos and live camera feeds.
- Technologies: Python, Machine Learning, Computer Vision, HTML, CSS, JavaScript | Implemented Machine Learning (OpenCV & TensorFlow) for object detection and re identification

AWARDS

1st National AI Championship

Aug '23

Issuer: LUMS University, FAST University, Soliton Technologies, and the Artificial Intelligence Education Foundation

Selected as one of the top 30 AI projects out of 200 at the AI Championship organized by LUMS University, FAST University, Soliton Technologies, and the Artificial Intelligence Education Foundation. Awarded a certificate for outstanding participation and performance in the competition.

AI Applications Competition

Oct '01

Issuer: WowDAO

Participated in the Global AI Hackathon organized by WowDAO. Showcased skills, learned, and networked within a dynamic and diverse environment. Grateful for the opportunity and eagerly anticipating future events for continued growth and collaboration.

Final Year Project funding

Jan '23

Issuer: Ignite National Technology Fund

I am proud to announce that my project has been selected for funding amounting to Rs 88,000 through the Ignite program, standing out amongst 25,000 applicants. Being one of the 2,000 projects chosen, my work has been recognized for its innovation and potential impact, distinguishing it from a highly competitive pool of projects. This acknowledgment highlights not only the merit of my project but also its promise to make a meaningful contribution within its respective field.