Waqar Ul Haq Khatana

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PROFILE

Dynamic and results-oriented Software Engineer with over 2 years of experience, demonstrating a proven track record in spearheading the development of innovative tech solutions. Adept at leveraging Python and its frameworks to create robust applications and streamline deployment processes. Continuously seeking opportunities to learn and implement emerging technologies to drive innovation and enhance user experiences.

PROFESSIONAL EXPERIENCE

AZM Development   Jul 2024 – present
Software Engineer
- Recently joined a dynamic team working as a **Django Developer** on high-impact projects for the **Ministry of Justice, KSA**.
- Contributing to the development and implementation of software solutions aligned with **Saudi Vision 2030**.

Educative.io   Mar 2022 – Apr 2024
Developer Advocate (Python)
- Pioneered the creation of a dynamic social media platform, integrating **Django** for the backend and **React** for the frontend, as a core component of a globally accessible course reaching millions of subscribers.
- Streamlined the deployment process for full-stack applications by implementing **Docker containers** and setting up a **CI/CD pipeline**, resulting in faster deployment cycles.
- Successfully deployed full-stack applications on **AWS** infrastructure, ensuring seamless scalability and reliability.
- Collaborated closely with a dedicated team to create an insightful course titled "Grokking Modern System Design Interview," which is by far one of the best selling courses created by Educative.
- Led teams in adding 3 valuable courses to Educative's catalog, covering diverse technologies such as Django, React, Elixir, and Haskell.
- Conducted rigorous technical reviews for high-priority courses, including those related to Generative Adversarial Networks. Ensured code correctness, quality, and alignment with industry best practices.
- Designed and developed an engaging guided project using Python's Pygame library.
- Leveraged Docker extensively to enable support for various technologies on the Educative platform.
- Worked closely with cross-functional teams, including technical recruiters and product managers, to gather insights and create accurate, user-friendly content.
- Facilitated product onboarding sessions for various clients, ensuring a smooth transition onto the Educative platform. Provided technical assistance and guidance throughout their journey.
- Trained new joiners to familiarize them with the product and bring them up to speed. Provided technical support and guidance throughout their onboarding period.

PROJECTS

Postagram (Django, React, PostgreSQL, CI/CD)
Worked on the development of a full-stack social media application. The application supports various features including post and comment management, user authentication, and profile picture functionality.

ChalChaliye (Django, React)
Developed a web application that serves as a platform for the trip organizers and the travellers. Trip organizers can create stunning booking pages in just a few minutes. Travellers can search for and book trips. ChalChaliye takes care of the management.

Weather App (Node, Express, OpenWeatherMap)
Developed a robust weather application leveraging Node.js and Express framework, seamlessly integrated with the OpenWeatherMap API for dynamic real-time weather updates and data retrieval.

Face-mask Detection Model (Python, TensorFlow, OpenCV)
Developed a machine learning model proficient in accurately detecting face masks. Utilized Python along with TensorFlow and OpenCV to implement the solution effectively.

SKILLS

Languages: Python, JavaScript, PHP, C++, Java, HTML5, CSS3

Frameworks: Django, React, Node, Express

Databases: MySQL, PostgreSQL

Tools: Docker, Kubernetes, Git, GitHub, CI/CD, AWS, Unity

Methodoligies: Agile, Waterfall

EDUCATION

Lahore University of Management Sciences (LUMS)   2018 – 2022
Bachelor of Science - Computer Science
- Coursework: Data Science, Artificial Intelligence, Machine Learning, Data Mining, Fundamentals of Computer Systems, Data Structures, Algorithms, Databases, Network-Centric Computing, Software Engineering