Mubashir Ali. Software Engineer

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Education

Glasgow Caledonian University, School Computing Engineering & Built Environment   Glasgow, UK
MSc. Big Data Technology   Expected June 2025
Related Courses: Cloud Computing & Web Servicing, Data Visualization, Big Data Platforms, Internet of Things

University of Central Punjab, Faculty of Information Technology   Lahore, Pakistan
BSc. Computer Science   Graduated July 2021
Related Courses: Introduction to Computing, Programming Fundamentals, Data Structures & Algorithm, Object Oriented Programming & Design, Introduction to A.I, Machine Learning, Data Science.

Technical Skills

- **Language:** Python, C++, PHP
- **Back-end Development Tools:** Django, FastAPI, Flask, Laravel, Docker, pySpark
- **Front-end Development Tools:** HTML, JavaScript, JQuery, CSS, ReactJS
- **Developer Tools:** Git, GitHub, Visual Studio Code, SSH, Nginx, Gunicorn, Cron, Shell Programming
- **Data Analysis:** Google Looker Studio, Power BI, R, Matplotlib, Seaborn
- **Cloud Services:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure

Experience

Watch My Competitor   Jan 2021 – Jan 2024
Senior Software Engineer   Greater London, UK

- Led a team of 5 members in developing and implementing data engineering projects and web services
- Oversaw the deployment of analytics services utilizing Nginx, Gunicorn, and Django, ensuring optimal performance and scalability
- Implemented best practices for data management, including data modeling, ETL processes, and data pipeline optimization
- Conducted code reviews and implemented quality assurance measures to ensure the reliability and integrity of data systems

Project Experience

Data Analytics Portal   Watch My Competitor, UK

- Conceptualized and developed a cutting-edge SaaS platform for data visualization, enabling users to create dynamic charts, data tables, and multiple dashboards
- Designed and implemented robust backend architecture using Django, ensuring scalability and high performance for handling large datasets

Scraping Hub   Newparts, US

- Developed a user-friendly web application tool enabling remote execution of web scrapers across various devices without the need for environment setup, significantly streamlining data acquisition processes
- Implemented a seamless interface for users to initiate scraper runs with a single click, facilitating data extraction from multiple websites effortlessly

Image Delivery Network   Newparts, US

- Leveraged Google Cloud Storage to efficiently store and manage data within Google Buckets, optimizing accessibility and scalability for large datasets. Storage Management with MongoDB and PostgreSQL on Google Cloud
- Implemented a cloud-based MongoDB database to synchronize images seamlessly from local storage to Google Storage, ensuring data integrity and accessibility across platforms

Skills and Interests

Interests & Achievements: 2nd Dan Black Belt in Taekwondo with national medals; avid runner, trekker, traveler; Frequent gym goer