Rubab Zehra

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Education

National University of Computer and Emerging Sciences (FAST)
Bachelor of Science in Computer Science

Relevant Coursework: Data Structures, Algorithms, DBMS, Statistics, Data Mining
Certifications: Google Data Analytics, Pega System Architect

Technical Skills

Languages: Python, Java, JavaScript
Frameworks/Technologies: Docker, Terraform, CI/CD, AWS, PostgreSQL, MongoDB,
Spark, Redis, Apache Airflow
Tools: Git, Tableau, Figma, JIRA
Methodologies: Agile, TDD, Software Design Patterns
Others: Data Warehousing, ETL, Data Visualization

Professional Experience

Noetico, Founder (Director) | London, UK
March 2024 – Present
- Founded a software consulting firm delivering data engineering and analytics solutions.
- Led backend development using scalable architectures with AWS, Terraform, and
Docker.
- Built ETL pipelines and custom dashboards, enhancing client insights and decisions.
- Oversaw CI/CD deployment strategies and performance tuning of backend services.

AI4Process, Associate Consultant | London, UK
February 2021 – March 2024
- Developed backend components for CRM and BPM systems using Java and Pega.
- Integrated systems for NHS, ensuring robust backend connectivity and compliance.
- Participated in Agile ceremonies and collaborated with cross-functional teams to deliver
backend APIs.
- Focused on quality assurance, system integration, and user-centric performance
enhancements.

JAZZ, Software Engineering Intern
June 2019 – August 2019
- Designed and developed backend dashboards for telecom data using Python and SQL.
- Created efficient data visualizations to monitor network performance metrics.

Technical Projects

Travel Assistant Chatbot (Python, NLP, Keras, TensorFlow)
- Developed backend logic for a chatbot with ML-based NLP capabilities.
- Integrated with front-end to provide seamless travel assistance.

University Admission Portal (Java)
- Engineered backend services for application submission and status tracking.
- Designed API endpoints for dynamic data interactions across UI components.

Leadership & Awards

Captain, FAST Volleyball Intercollegiate Team (2018 – 2020)
Design Lead, Kaggle Competition (2019)
Merit Scholarship for Academic Excellence (2018)
100% Merit Scholarship, HeadStart (O Levels) (2013)

Interests

Volleyball, Painting, Traveling, Skincare