Khalil Abu Mushref

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❖ **Council of Engineers ID:** 983904 ❖ **Nationality:** Jordanian

PROFISSIONAL SUMMARY

Data Scientist and IT Business Analyst skilled in Python, SQL, and Machine Learning. Specialized in Fintech, Healthcare, and Business Intelligence with certifications in Cloud Computing, Scrum, and Power BI. Proven ability to streamline operations, generate insights, and build predictive models to enable data-driven decision-making.

WORK EXPERIENCE

Cloud Solutions   **Sep 2023 - Present**

IT Business Analyst & Product Owner – Java/Python/AI/Tableau   *Riyadh, Saudi Arabia*

- **Streamlined Requirements**: Developed a process for gathering business requirements, producing 1,200+ pages of documentation, and cutting project delivery time by 40%.
- **Financial Reporting Enhancement:** Built a Microsoft Power-based framework, boosting metric visibility with 100+ dashboards, including 25+ AI-driven insights for smarter decisions.
- **Employee Training:** Trained 8+ employees in BI systems and created a Business Analyst training program, boosting efficiency

Pixelated   **Jan 2021 - Sep 2023**

IT Senior Business Analyst & BI Developer– Python/AI/ Power BI   *Amman, Jordan*

- **Launched a structured training program for analysts**: improving team efficiency by 25%.
- **Standardized reporting workflows:** boosting data accuracy and consistency across departments by 20%.
- **Conducted workshops for stakeholders:** to foster a data-driven culture and enhance project engagement.

Council of Engineers Association   **July 2020 - Jan 2021**

Data Scientist – Python /AI/ Power BI   *Amman, Jordan*

- **Created dashboards:** to translate complex data into actionable insights, improving decision-making by 40%.
- **Documented data models and algorithms for reproducibility:** enhancing team collaboration and knowledge sharing.
- **Implemented advanced visualizations:** to highlight critical metrics, driving data-driven strategies.

Digital Cash.   **Jun 2019 - July 2020**

Software Data Scientist   *Amman, Jordan*

- **Built and deployed RESTful services with Spring Boot:** improving application performance by 25%.
- **Optimized data pipelines to handle large datasets:** reducing processing time by 40%.
- **Analyzed application data to uncover trends:** driving feature enhancements and user engagement.

NOTABLE PROJECTS

[Business intelligence consultant system (Yadree)](#)| *Python, Java, AWS, TensorFlow, scikit-learn, PyTorch, Docker*   **2024**

- **Deployed RESTful APIs and trained ML models:** to enable real-time predictions, reducing manual processing by 50%.
- **Utilized advanced data cleaning and imputation techniques: to** improve data quality by 30%.
- **Leveraged ensemble learning:** for optimal model performance, achieving 95% accuracy.

[KPI on the Fly](#) | *Python, Java, AWS, Apache spark, Apache superset, Apache Echarts ,Llama 2.0, PyTorch, ML*   **2023**

- **Integrated LLAMA 2.0 for intuitive user experiences:** enabling non-technical users to generate KPIs seamlessly.
- **Automated database mapping through SQLFlow:** reducing manual configuration by 40%.
- **Designed robust APIs**: to support dashboard creation, increasing KPI generation efficiency by 25%.

[SautNote](#) | *Python, Java, AWS, Whisper 3.0, GPT 3.5, ML, Docker, Kubernetes*   **2023**

- **Deployed Whisper 3.0 and GPT-3.5:** for speech-to-text functionality, enhancing user accessibility.

- **Implemented data cleaning pipelines:** to process audio inputs with 98% accuracy.
- **Developed REST APIs for database integration:** improving response time by 20%.

Virtue | *Spring Boot, Java, Spring Cloud, Git, REST API, Docker*   **2022**
- **Built a mental health platform**: connecting therapists and patients, facilitating 24/7 access to care.
- **Designed secure data systems for processing patient information**: ensuring compliance with data privacy standards.
- **Created real-time communication tools to support therapy sessions:** improving engagement by 35%.

EDUCATION

UKM University   Current
M.S. Artificial intelligence (Data science)   *Selangor, Malaysia*
- Research in Personalized Oncology: Machine Learning-Driven Predictions of Cancer Treatment Outcomes and Drug Responsiveness

Monash University   Current
M.S. Business administration (MBA)   *Melbourne, Australia*
- Specialized in IT to enhance leadership and strategic skills

University of Jordan
B.S Computer Engineering | Minor in Machine learning, Minor in Algorithms, Minor in Advanced Databases.   *Amman, Jordan*
- Research in Mental health application: Machine Learning-Driven Predictions of Mental health diagnosis & treatment and outcomes

SKILLS

- **Skills:** Solving complex problems; Data science; Root Cause Analysis; Software Engineering; Statistics; Agile;
- **Languages:** Java; Python; SQL; JavaScript; C++; C#.
- **Technical Skills:** Spring Boot; Docker; AWS; Git; CI/CD; RESTful API; Postman; TensorFlow; Scikit-learn; PyTorch; PySpark; spaCy; NLTK.
- **Certifications:** NVIDIA Accelerated Data Science; Databricks Certified Data Engineer; AWS Solutions Architect; Professional Scrum Master Scrum.Org; Tableau Certified Data Analyst; Alteryx Designer Expert