

# Amjaad Alharbi

AI/MLOPS ENGINEER

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## Experience

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Red Sea Markets Co Ltd | ERP & Digital Platform Officer 2021 - 2023

- Automated data ingestion pipelines via Python and RESTful APIs, boosting operational efficiency by 30%. This streamlined data collection for analytical and machine learning workflows.
- Managed and secured AWS S3 storage for AI/ML data. I also developed scalable cloud workflows with AWS services and Python scripting, enabling rapid data application deployment.
- Monitored ERP system performance and enforced data governance within Yardi. This enhanced infrastructure reliability and data integrity. I queried MySQL databases for actionable Finance/Operations reports.

ALJ United Finance | Analyst Programmer 2019 – 2020

- Engineered scalable backend systems, integrating APIs and data parsing, foundational for AI/ML data processing.
- Implemented CI/CD pipelines to automate deployment workflows, enhancing code delivery and system maintainability.
- Monitored system performance, troubleshooting anomalies, and optimized code for reliability and efficient release cycles.

ALJ United Finance | Oracle ERP Specialist Internship 2019

- Resolved application errors and vulnerabilities in new releases, ensuring system stability.
- Automated Accounts Payable invoice uploads, reducing processing time from 3 days to hours.
- Provided technical support for financial modules, maintaining data integrity.

## Education

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Universiti Malaya, Master of Computer Science 2025

Master's Thesis: Applied Generative AI (Sklearn, PyTorch, HPC) for network traffic data synthesis, enhancing predictive capabilities and optimizing network operations.

King AbdulAziz University, Bachelor of Science in Information Technology 2018

## Skills

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- Technical Skills: MySQL, PostgreSQL, Java, Kotlin, Python, SQL, AWS (EC2, S3, CloudFormation), Docker, Kubernetes, Git, CircleCI, HPC, Firebase, Bootstrap, RESTful API, JSON, Junit, SSH, Advanced Excel, PyTorch, Linux (Ubuntu).
- Soft Skills: Problem solving, Critical Thinking, Continuous Learning