

Mohammed Roqa

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My Profile

I'm experienced Engineer with a master's degree in information systems and more than five years of experience in technology industry. Involved in systems analysis, data analytics and IT operations roles. I've always been with an agility mindset; love to work in a collaborating and learning environment and being flexible to achieve high-performing results.

Education

Lund University School of Economics and Management (2021)

✔ Master's degree in Information Systems (IS) – Informatics Department.

Cairo University Faculty of Computers and Artificial Intelligence (2011)

✔ Bachelor's degree in Information Technology (IT).

Professional Certifications:

✔ Kubernetes and Cloud Native Associate ([verify](#))

✔ DevOps Foundation Certified ([verify](#))

✔ Cisco Certified Specialist - Enterprise Advanced Infrastructure Implementation ([verify](#))

✔ Cisco Certified Specialist - Enterprise Design ([verify](#))

Professional experience

Elm for Information Security

Senior Engineer

Saudi Arabia

Jan 2018 – Aug 2020

- ✔ Maintaining, securing, and managing corporate network infrastructure and resolve any relevant technical issue.
- ✔ Continuously improve, oversee, and optimize services and traffic workflow by analyzing and configuring IP network performance using tools such as SolarWinds, PRTG and cisco prime.
- ✔ Managing and configuring network monitoring software, servers and databases for the whole infrastructure metrics and logs collection.

Elm for Information Security

System Analyst

Saudi Arabia

Oct 2014 – Nov 2017

- ✔ Working with my teammates to supporting all technical aspects of the project lifecycle to meet the business needs.
- ✔ Cleansing, processing, and verifying the integrity of large-scale data set used for studying and analyzing.
- ✔ Building statistical and analytics methods such as ANOVA, Regression, Pivot, Volcano Plots using R.
- ✔ Reviewing and verifying specifications and requirements of the project system deployment and workflow.

Skills

- ✔ Excellent written and oral exceptional technical and business communication.
- ✔ Critical thinking as required to evaluate problems and maximize performance.
- ✔ Familiar with different data modelling architectures, databases, stream-patch processing and ETL design process.
- ✔ Good in using python programing language for building APIs, web, machine learning models and graphs.
- ✔ The ability to deal with big datasets and performing engineering and exploratory data analysis (EDA) using Power BI, Qlik, SQL Server Integration Services, Apache spark.
- ✔ Good at architecting and implementing an end-to-end cloud native solution including integration with external APIs.
- ✔ Experienced in building DevOps/MLOps on the cloud or toolkit like Git, Jenkins, YML, vagrant, docker. Kafka.
- ✔ Aware of General Data Protection Regulation (GDPR) principles, rights and impact in data protection and privacy.

