

Mohammed Roqa

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My Profile

I'm a certified Engineer with more than 6 years of proven experience in technology industry involved in systems analysis and IT operations roles. I've a bachelor's degree in information technology and a master's degree in information systems. I've always been with an agility mindset, optimistic with can-do approach and love to work in a collaborating and learning environment and being flexible to achieve high-performing results. I have a passion for next-generation infrastructure research and digital transformation projects.

Education

Lund University School of Economics and Management (2021)

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

Cairo University (2011)

✓ Bachelor's degree in Information Technology (IT) - Faculty of Computers and Artificial Intelligence.

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

- ✓ As an Engineer in the IT operations department, the team maintain, secure, and manage corporate and production network services and infrastructure and response to any technical incidents.
- ✓ 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.
- ✓ Reviewing and verifying specifications and requirements of the project system deployment and workflow.
- ✓ Implementing data operations to process and analyze project's dataset.
- ✓ Conducting exploratory data analysis and statistical models such as ANOVA, Regression, Pivot, Volcano Plots using R.

Skills

- ✔ Excellent written and oral exceptional technical and business communication.
- ✔ Critical thinking as required to evaluate problems and maximize performance.
- ✔ Proven experience in network infrastructure, including security, network and design architecture patterns.
- ✔ In-depth knowledge in the areas of wireless, IP Routing and switching protocols, SDWAN and SDA.
- ✔ Experience in network management and network availability capacity planning.
- ✔ Good at architecting and implementing an end-to-end cloud native solutions including integration with external APIs.
- ✔ Experienced in building DevOps toolkit like Git, Jenkins, YML, vagrant, docker.
- ✔ 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.
- ✔ Aware of General Data Protection Regulation (GDPR) principles, rights and impact in data protection and privacy.

