Mohammed Roqa

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Professional Summary

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)

o   Master's degree in information systems (IS) – Informatics Department.

Cairo University (2011)

o   Bachelor's degree in information technology (IT) - Faculty of Computers and Artificial Intelligence.

Professional Certifications:

o   Kubernetes and Cloud Native Associate (verify)

o   DevOps Foundation Certified (verify)

o   Cisco Certified Specialist - Enterprise Advanced Infrastructure Implementation (verify)

o   Cisco Certified Specialist - Enterprise Design (verify)

Professional experience

Elm for Information Security   Saudi Arabia
Senior Engineer   Jan 2018 – Aug 2020

o   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.

o   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.

o   Managing and configuring network monitoring software, servers and databases for the whole infrastructure metrics and logs collection.

Elm for Information Security   Saudi Arabia
System Analyst   Oct 2014 – Nov 2017

o   Working with my teammates to supporting all technical aspects of the project lifecycle to meet the business needs.

o   Reviewing and verifying specifications and requirements of the project system deployment and workflow.

o   Implementing data operations to process and analyze project's dataset.

o   Conducting exploratory data analysis and statistical models such as ANOVA, Regression, Pivot, Volcano Plots using R.

Skills

- o Excellent written and oral exceptional technical and business communication.

- o Critical thinking as required to evaluate problems and maximize performance.

- o Proven experience in network infrastructure, including security, network and design architecture patterns.

- o In-depth knowledge in the areas of wireless, IP Routing and switching protocols, SDWAN and SDA.

- o Experience in network management and network availability capacity planning.

- o Good at architecting and implementing an end-to-end cloud native solutions including integration with external APIs.

- o Experienced in building DevOps best practices and toolkit like REST API, Git, Jenkins, YML, vagrant, docker.

- o Familiar with different data modelling architectures, databases, stream-patch processing and ETL design process.

- o Good in using python programing language for building APIs, web, machine learning models and graphs.

- o Aware of General Data Protection Regulation (GDPR) principles, rights and impact in data protection and privacy.

Publication

- o The Diffusion of Blockchain in SMEs: *The Driving and Determining Factors for Blockchain Technology Adoption in SMEs.* (https://www.lunduniversity.lu.se/lup/publication/9051648)