

Talal Mahmood

Ar-Rifā, Southern Governorate
House 2506, Road 1351, Block 913
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[Let's connect on LinkedIn](#)



summary

I am a computer hardware and software engineer looking to work in a challenging environment. I have experience working in the oil and gas industry as well as experience working in the financial sector, overseeing the management, development and maintenance of software.

professional experience

Specialist I - Production Applications

2017

Tatweer Petroleum Company

- I am responsible for the development of custom 'in house' applications designed for the production and operations of the Bahrain Oil Field, a continuous, real-time operating facility.
- The design and deployment of various BI reports based on multiple different data sources encompassing several applications to provide reports and data analytics regarding the production and operations of the Bahrain Oil Field.
- Overseeing the suite of production applications used in exploration and production, in terms of application maintenance, support, licensing and upgrades.
- Development and deployment of mobile applications

Software Engineer

2016

Reload IT Services L.L.C

- I was trusted with the design and development of web applications, including the implementation of a server-less architecture based on Amazon Web Services, ultimately resulting in a system that is highly scalable
- Additionally, I oversaw the process of securing networks through performing network vulnerability assessments and provided guidance on mitigating potential weaknesses in the network.
- I also carried out web server stress testing to verify how the server responds under sessions with high volume of requests and identifying bottlenecks and erratic bugs.
- Furthermore, I conducted critical 'Information Security Awareness' presentations for employees to be more vigilant when dealing with digital information.

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education

BEng., Coventry University (United Kingdom)	2016
Computer Hardware and Software Engineering (Hons) – First Class	
High School Dip., Abdulrahman Kanoo International School (Bahrain)	2012
International Baccalaureate Diploma – GPA 86%	

skills

Programming Languages:

- Java
- C++
- C
- Assembler
- HTML
- Swift
- MATLAB
- VHDL
- JavaScript
- C#

Software Development:

- Android
- DBMS
- Git
- IntelliJ
- Agile Approach
- iOS
- JSON
- Networking
- Visual Studio
- Design Patterns
- PL/SQL
- SSRS
- VSC
- XCode
- AWS
- Spotfire
- Power BI

Electronics:

- DSP
- Proteus
- Circuit and PCB Design
- Robotics
- Multisim
- Embedded Systems

Platforms:

- Windows
- Mac OS
- Linux (RHEL, AWS AMI, Ubuntu)

languages

Arabic (native), English (fluent) – IELTS 7.0

certification

PRINCE2® Foundation Certificate in Project Management	2021
GIAC Security Essentials Certification (GSEC)	2020
Amazon Web Services Solutions Architect Associate	2019
Oracle PL/SQL Developer Certified Associate	2018
IET Midlands Power Group Award – Computer Management System	2016
International English Language Testing System (IELTS) Score - 7.0	2012

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projects

Please visit my [personal website](#) for detailed information regarding current and upcoming projects

interests

- Mobile Development
- Reverse Engineering
- Artificial Intelligence
- Cyber Security
- Computer Vision
- Data Visualization

references

Ahmed Hussain – Managing Director at Reload IT Services
✉ ahmed@reload.ae