

# MUHANNAD SHELEH

Senior Solution Architect / 13+ years of experience / Bachelor in IT

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## WORK EXPERIENCE

Feb 18 – present **Senior Cloud Architect at Virtusa** Dubai, UAE

Virtusa is intercontinental leader IT services provider and consultant provides high-quality enterprise-level IT solutions to Banks, Telecom Operators, and other Enterprises around the globe to clients like British Telecom, CitiBank, HSBC, EmiratesNBD, and others.

2018- **Sahab Internal Cloud, ENBD Bank** Dubai, UAE

Virtusa allocated Solution Architect

Building the Cloud Management Platform, a scalable event-based micro-service platform to manage the private cloud and related system and processes.

*NodeJS 8, ES6, TypeScript 2/3, Angular 5, Loopback 3, ExpressJS 3, Apache Kafka, PostgreSQL 10, WebSocket. Integrations: Dell EMC, VmWare Vsphere, Oracle OVM, GitHub, Nexus, Jenkins, OpenSheft, AD, ....*

May 17 – Feb 18 **Chief Technology Officer at Pidge** Oxford, UK

*Remotely*

Pidge is an Oxford University sponsored startup for sport individuals and entities. As a CTO, managing all tech-related issues and activities including the development.

*PHP 7, Laravel 5.6, Ionic 3, Angular 4, NodeJS, JavaScript ES6, TypeScript, AWS EC2, SQS, SES, SNS, Lambda, RDS, MySQL, WebSocket, CouchDB / PouchDB, NestJS.*

Sep 16 – Feb 18 **Technical Consultant at Premier Sports** RAK, UAE

*Contractor*

On-call Solution Architect, Technical Consultant, and Development Manager for a tech company managing public mass sport events like Marathons.

*PHP 5/7, Ionic 3/4, Angular 4/5, VueJS, NodeJS, ReactNative, MySQL, AWS RDS, EC2, SQS, SNS, SES, Lambda, Elasticsearch.*

Nov 14 – Sep 16 **Tech Lead at Homely** Fujairah, UAE

Homely is a real-estate portal to smartly collect and list available properties in the UAE. Responsibilities were building a scalable event-based solution using state-of-the-art technologies.

*PHP5.6, Laravel 4/5, NodeJS, JavaScript ES6, TypeScript, MySQL, AWS EC2, SQS, SES, SNS, Lambda, S3, Elasticsearch.*

Jan 12 – Oct 14 **Solution Architect at Mayz** Riyadh, KSA / Dubai, UAE

Mayz is a unique online shopping platform connecting shoppers and merchants.

*PHP 5, Zend1, ProperIORM, CouchDB, SenchaJS.*

## AREA OF EXPERTISE

Analysis & Architecture

Scalable & Modern Web

Serverless/API Architecture

Mobile & Cross-platform

Team Leadership

Software Development

## KEY TECHNOLOGIES

### Software Engineering

OOP design, TDD, SOLID, Serverless, RESTful APIs, SOAP Web Services, ...

### Programming Languages

JavaScript (ES5 / ES6 / TS), C#, VB, Python, PHP, Bash, ...

### Databases

PostgreSQL, MySQL, Oracle, MariaDB, MS SQL, Mongo, Elastic, CouchDB, RDS, ...

### Mobile

Ionic3/4, ReactNative, NativeScript, Mobile Web, Responsive Design, ...

### Frameworks & Libraries

Laravel, Angular, React, Vue, .NET, Cake, Codeigniter, PropelORM, Doctrine, Loopback 3, ExpressJS, Nest, Slim, Lumen, Django ...

### Cloud & Run Time

Apache WebServer, Kafka, AWS, Node, VSphere, ...

### Tools

NPM, Composer, GIT, Bash, Docker, TravisCI, Vagrant, ...

Sep 10 – May 12 **Senior Software Engineer at TelecomCell** Riyadh, KSA

TelecomCell is a B2B IT service provider in Saudi Arabia to provide mobile-related services through telecom providers as official partners to market businesses in both GSM and Web technologies. Provided consultations to different clients including Saudi Post, Saudi National Water, Alinma Bank, Aljazeera Bank, Americana, Alimam University, and more.

2011 **USSD Banking Services, Alinma Bank** Riyadh, KSA

TelecomCell allocated Integration Specialist

Integrating the STC USSD service infrastructure with Alinma banking services, the first bank in the region to provide its services over USSD.

*Python, Django, SOAP Web Services, Telenity USSD Server.*

2012 **Saudi Navigator MWP, Saudi Post** Riyadh, KSA

TelecomCell allocated Software Engineer

Creating mobilized web portal and mobile application for Saudi navigator system from Saudi Post to be one of the early organizations in the region to target its clients over mobile applications and mobilized web application.

*JavaScript, Java, Backelite BkRender Mobile Rendering Engine.*

Aug 07 – Sep 10 **Lead Developer at Syrian Telecom** Damascus, Syria

SyrianTelecom is the governmental (public sector, 35K+ employees) communication service provider in Syria. I worked in the internal web portal development team.

*PHP (cake), JavaScript, jQuery, Oracle 11i, Oracle HTMLDB (formerly Application Express), SOAP API integration.*

Sep 05 – Sep 10 **IT Instructor at Telecom Institute Damascus** Syria

The institute of the Ministry of Communication and Technology in Syria. Worked as academic instructor of different development-related courses, and since 2008, I led the academic and operations progress of IT section.

## SOME PROJECTS

2017 **RAK Half Marathon 2018 Race Crew App** RAK, UAE

Project and Development Manager

A highly interactive real-time coordination mobile application to manage the tasks, communication, and other time-based assignments of 200+ crew members to join the base team for less than a week during the event.

*REST APIs, Web Sockets, APN/GCM, Ionic3, Hybrid Applications, Couch/Pouch DB, Laravel 5.6, AWS (EC2/RDS/SQS/SES/S3).*

2016 **Accident Management Systems** Mol, Abu Dhabi, UAE

Software Engineer / Front-end developer

3 different integrated hybrid/responsive systems targeting different related parties to make the flow of managing traffic accidents impacts easier and faster. Won the Mol Smart Government competition's 1<sup>st</sup> place.

2014 **Fay3.com: Image Sharing Platform** Dubai, UAE

Freelancer Full-stack Developer

## PERSONAL SKILLS

- Active team player
- Leadership skills
- Fast learning
- Problem solving
- Solution focused
- Goal oriented
- Designer sense
- Rich business experience
- Logical thinking

## PERSONAL DNA

Advocating Architect

<https://goo.gl/30n05F>

## ACCOUNTS / LINKS

Skype

[muhannad.shelleh](https://www.skype.com/people/muhannad.shelleh)

Github

[github.com/mhh1422](https://github.com/mhh1422)

[github.com/itvisionsy](https://github.com/itvisionsy)

LinkedIn

[Linkedin.com/in/mshelleh](https://www.linkedin.com/in/mshelleh)

Website

[muhannad.shelleh.me](https://muhannad.shelleh.me)

## EDUCATION

- 2006 - 2009 **Bachelor Degree in Information Technology**  
Syrian Virtual University, Damascus, Syria.  
*Grade of 82% with "Excellence" degree.*
- 2003 - 2005 **Associate Degree in Telecommunication Engineering**  
Telecommunication Institute Damascus,  
Ministry of Communication and Technology, Syria.  
*Grade 93% with "Excellence" degree.*

## TRAINING

2011	Mobile Web Application <i>by</i> Bachelite	Riyadh, KSA
2010	ICT Security Standards <i>by</i> UNDP	Damascus, Syria
2009	Intelligent Network <i>by</i> ZTE	Damascus, Syria
2008	Oracle DBA (course) <i>by</i> SyrianTelecom	Damascus, Syria
2005	OCP <i>by</i> SyrianTelecom	Damascus, Syria
2005	CCNA (course) <i>by</i> Syrian Telecom	Damascus, Syria
2005	MCSE (course) <i>by</i> Syrian Telecom	Damascus, Syria
2005	RHCE (course) <i>by</i> Syrian Telecom	Damascus, Syria
2004	CIW Developer <i>by</i> Syrian Telecom	Damascus, Syria

## REWARDS

2016	Winner, Smart Government competition	Mol, UAE
2005	Silver Medal, Arab Olympiad in Informatics	Syria
2004	Gold Medal, Syrian Olympiad in Informatics	Syria

## REFERENCES

Pidge.co	Adnan Al Khatib Co-Founder, CEO	adnan@pidge.co
PremierSports	Omar Bahra Events Manager	omar@premiersportsmail.com
Homely.ae	Mohammed Syed Ali CTO	To provide upon request
Mayz	Ali Mobarak Co-Founder, CEO	ali@mayz.com
TelecomCell	Abdulrahman Alnasser GM	To provide upon request
Abu Dhabi Municipality	Ahmad Alhammad IT Manager	To provide upon request

## LANGUAGES

Arabic (native)

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English (IELTS 7/9)

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## OTHER TRAINING

NLP	2004
Finance Basics	2007
Accounting Basics	2007
Agile / Scrum	2018
Graphic Design	2002