



# Meena Alfons

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## Career Summary

12+ years of experience in designing and implementing scalable and performant solutions supporting millions of users with extensive experience in different technologies including Cloud Native, Web, Mobile, and Desktop.

### MessageBird - Amsterdam, Netherlands Senior Software Engineer

Dec. 2019 - Present

I'm responsible for the reliability and scalability of customer facing solutions supporting millions of concurrent users. Products include real-time communication, marketing, business automation, and more. (Go, Node.js, PHP, Ruby, Kotlin, Swift, AWS, GCP)

### IVA System - Alexandria, Egypt Software Architect Jun. 2017 – Nov. 2019

I'm responsible for designing distributed and scalable systems to provide the necessary tools for business requirements. This includes contributions to the analysis and modeling of business requirements, designing effective solutions that fit the requirements, leading the whole team, and training them in different directions including analytical, communication and development skills. (Roles: Analysis, Architecture, Design, Implementation, Leadership, Scrum Master) (Node.js, PHP, React Native, MySQL, MongoDB, Microservices, AWS, Docker)

### Chestnut Studios - Remote Lead Software Engineer Jan 2016 - Dec 2016

I'm responsible for client communication, requirements analysis, architecture, design, implementation details and team leading of an online game including Game Engine, OpenGL Graphics and Network Programming all in C++. (C++03/11/14, Qt, OpenGL)

### Alexandria Port Authority - Alexandria, Egypt Software Engineer Apr 2015 - Apr 2016

Creating GIS applications for Web, Mobile and Desktop. (C++, Qt, Android, PHP, ArcGIS.)

### Softxpert - Alexandria, Egypt Senior Software Engineer Apr 2017 - Aug 2017 Software Engineer Nov 2013 – Mar 2017

I'm responsible for the architecture and development of solutions for desktop applications, cross-platform mobile applications and web services. This includes requirements analysis, designing robust architecture and innovative solutions, leading the team, introducing new technologies and standards, developing high quality implementations and unit testing. (Roles: Architecture, Design, Implementation, Scrum Master) (C++03/11/14, Qt, Boost, PHP, React Native)

### Freelancer Software Engineer Nov 2014 - Jun 2017

Designing and developing robust and high-quality solutions for unique business requirements. Mainly for Desktop, Web and Embedded Systems. (C++, Qt, Boost.Spirit, ImageMagick, Tesseract, Serial Communication, Arduino, Microchip)

### MSc. Artificial Intelligence Vrije Universiteit Amsterdam – 2022

### Bachelor of Electrical and Computer Engineering Excellent with Honor – Assiut University, Egypt – 2013

### AWS Certified Solutions Architect - Associate Oct 2019

### ICAgile Certified Professional September 2019

### ISTQB Certified ESTB – Feb 2013

### IELTS 7.5 – C1 – Jun 2020

- C++ 03/11/14
- Go
- Node.js
- React
- PHP
- Python
- Swift
- Kotlin
- React Native

- AWS
- GCP
- K8s
- Git

- Deep Learning
- Software Architecture
- Database SQL/NoSQL
- Network programming