

Software Engineer with 6+ years of hands-on professional experience in providing meaningful contributions in the analysis, design, development, testing, deployment, and maintenance of software applications, gathered throughout working for software services corporates, governmental entities, and product-based startups.

Skills include C# (.NET Core), GoLang, Java, SQL Databases, MongoDB, Elasticsearch, Redis, Apache Kafka, Rabbit MQ, Cassandra, AWS, GCP, Microservices Architecture, Event-Driven Systems, and Distributed Transactions.

I care about quality, performance, process improvement, and risk reduction, with a keen eye for detail, and a high sense of ownership over products.

## PROFESSIONAL WORK EXPERIENCES

**Senior Software Engineer** **Talabat (Delivery Hero) | Dubai, UAE** [Dec 2020 – Present]

- Refactored & increased the testing coverage to be +90% for the monolithic part of the incentive engine.
- Migrated the monolithic voucher codes system into a microservice & rolled it out to 9 markets with no downtime.
- Enabled Talabat Regional to unlock long-term contracts with banks & payment card networks by designing & developing a bin-restriction layer to our incentive engine.
- Enhanced having a more contextual & personalized experience by codesigning a real-time segmentation service as part of our MarTech solutions. It helps in encouraging vendor & vertical adoption by allowing targeting the right users based on their type, activity, and lifecycle stage with the right marketing campaigns across all countries.
- Design, build, and support core backend software components using .NET Core, PostgreSQL, AWS, and CircleCI.
- Partner with cross-functional product, marketing, and customer care teams to solve ongoing operational problems.

**Full Stack Developer II** **Prime Minister's Office | Dubai, UAE** [Jul 2020 - Dec 2020]

- Worked on one of the major projects used by all the UAE ministries & authorities.
- No technical or more information can be shared or disclosed due to a high level of confidentiality.

**Software Development Engineer** **Wahed Invest | Dubai, UAE** [Aug 2019 - Jul 2020]

- Designed & implemented the "Monthly Statements" feature, by applying the aggregator & CQRS design patterns.
- Increased the platform's self-healing by designing an event-based retry service with a dead-letter queue resulting in a 98% retry success rate. Achieved decoupled error handling without disrupting real-time traffic.
- Refactored & released v2 for one of the platform core libraries that's being used by all other microservices.
- Managed to solve a distributed transaction challenge for the "Change Portfolio" feature using the Saga pattern.
- Built tool for migrating data for all services to support the "Multiple Accounts" feature with a few minutes of downtime.
- Worked closely with the operations & infrastructure teams to build & maintain distributed backend event-driven microservices using GoLang, Elasticsearch, Redis, Kafka, Cassandra, GraphQL, AWS, Docker, K8s, and CircleCI.

**Software Applications Engineer** **Valeo | Cairo, Egypt** [Apr 2017 - Jul 2019]

- Enhanced organizational efficiency by building new software application tools for internal usage.
- Contributed to requirements gathering, system analysis & design, development, and deployment.
- Designed & implemented several tools: Purchasing, Invoicing, and Budget Forecast System - Attendance and Vacations System - Recruitment System - Talent Management System - Smart Meetings Tool.
- Tech. Stack: Java 8, Spring (Boot - Core - REST - AOP - Data JPA - JMS), Rabbit MQ, NoSQL (MongoDB), GIT, HTML5, CSS3, Bootstrap, jQuery, VueJS, MySQL, ASP.NET C# (Web Forms & MVC 5), Windows Task Scheduler.

**Software Specialist (Soldier)** **Egyptian Armed Forces | Mandatory Military Service** [Jan 2016 - Mar 2017]

- Worked on a system that supports and automates the business processes and all the workflows of the Military Records Department. No technical or more information can be shared or disclosed due to confidentiality.

## EDUCATION

B.Sc. in Computer Science - Cairo University. Ranked 8<sup>th</sup> with a GPA of 3.52 / 4.00 (Excellent) [Sep 2011 - Jul 2015]

## CERTIFICATIONS

Oracle Certified Associate (OCA Java SE 8 Programmer) - Grade: 94 % (<https://goo.gl/hv7Bhs>) [Oct 2018]

## PERSONAL INFORMATION

Full Name: Hisham Ramadan Mohamed Soliman • Marital Status: Single • Gender: Male • Nationality: Egyptian  
Birth Place & Birth Date: Abu Dhabi (UAE) - November 20, 1992 • Languages: Arabic (Native) - English (Very Good)