

Hussein Youssef

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SUMMARY

Senior Back-End developer with 8 years of experience in the banking sector in addition to telecommunications, with an emphasis on technologies such .NET core, MS SQL, and C# among other back-end development tools.

EDUCATION

Arab Open University <i>B.S. in Computing</i>	October 2015 - February 2019 <i>Beirut, Lebanon</i>
Al-Masaar Institute <i>Baccalaureat Technique BT3 in Information Technology</i>	October 2014 - May 2015 <i>Beirut, Lebanon</i>
Ali Akbar Institute <i>Baccalaureat Technique BT1 & BT2 in Information Technology</i>	October 2012 - May 2014 <i>Beirut, Lebanon</i>

PROFESSIONAL EXPERIENCE

Gen X Management Partners <i>Senior Software Developer</i>	March 2024 - Present <i>Beirut, Lebanon</i>
<ul style="list-style-type: none">- Developed an orchestration worker in .NET6 that forwards tickets from one data center to another using RabbitMQ- Developed and updated microservices for an insurance project using .NET6 and MongoDB- Enhanced microservices performance using distributed caching by integrating .NET memory caching with Redis- Gained more experience with Docker, Azure DevOps, artifacts, and pipelines	
InMobiles Holding S.A.L <i>Senior Back-End Developer</i>	March 2020 - February 2024 <i>Mount Lebanon, Lebanon</i>
<ul style="list-style-type: none">- Roles and Responsibilities:<ul style="list-style-type: none">• Develop .NET core APIs for mobile applications, content management systems and user websites• Create related database in Microsoft SQL/PostgreSQL• Perform all the needed tests and provide documentation• Develop hosted services for projects with different businesses• Work as a team member and provide support when required• Guide Junior and Mid team members• Integrate billing services with operator- Projects:<ul style="list-style-type: none">• Automatic billing service: Implemented a service for an operator that checks users' profiles, their available funds, and bills them and updates their subscription accordingly• Secure call: Implemented a secure call service using .NET 6 and PostgreSQL that can whitelist and blacklist calls and SMS messages• RBT dial tune for ZONG: Designed all APIs and services for the client website of RBT dial tune. This allows callers to register for a service allowing them to listen to a tune while waiting for pickup. Also implemented reverse RBT, where a missed call would be followed by an SMS message to call back. The project involved creating a relational database along with its needed queries, and used technologies such as .NET core, C#, REDIS and MSSQL• E-Commerce System API: Developed an API that connects with Aramex's API for the purposes of shipping, tracking, and pricing of orders	
Allied Engineering Group <i>Back-End Developer</i>	May 2016 - February 2020 <i>Beirut, Lebanon</i>
<ul style="list-style-type: none">- Roles and Responsibilities:	

- Developed and enhanced reporting, middleware and message correlation systems
 - Developed Windows services
 - Developed Windows service to search filtered messages by Fircosoft filter and retrieve reports for them
 - Provided full support of the developed applications (client side and server side)
 - Developed .NET APIs for a middleware application
 - Developed WCF web services
- Projects:
- ***Developing a back-end Middleware Application:*** Developed, using C# and SQL, a back-end middle-ware application that routes messages to be filtered, then takes the appropriate decision on the resulting data
 - ***Developing APIs and back-end systems for Message Handling:*** Developed a back-end system that routes messages and hashes them. The system makes sure the message is clean and not edited while on the way. The project also involves creating a dashboard system using Telerik

SKILLS

Computer Skills

Object Oriented Programming, C#, VB.NET, SQL, MySQL, PostgreSQL, Oracle, ASP.NET, CrystalReports, Telerik, HTML, Entity Framework, Technical Support, Hosted services, REST APIs, .NET core, Google API, JSON, Swagger API, Dapper ORM, FireBase, SoapUI, Back-End Development, WCF Services

Languages

Fluent in Written and Spoken English and Arabic (native)

RELEVANT COURSES

Operating Systems	Software Engineering	Data, Computing and Information
Data Structures and Algorithms	Computer Architecture	Data Management and Analysis
Information and Communication Technology	Mobile Computing	Web Developemnt &Artificial Intelligence

OTHER PROJECTS

Creating a Windows Installer

Arab Open University

Created, using visual studio C#, a Windows installer that installs and updates a database, as well as a windows service and a web interface