ALAIN GHAWI

Senior Software Engineer

📞 +1 (438) 453-7830 @ ghawialain@gmail.com 🔗 https://github.com/AlainGhawi

🔗 www.linkedin.com/in/alain-ghawi 📍 H3C 5X6, Montreal, QC, Canada

WORK EXPERIENCE

Technical Lead

eMcREY

📅 09/2020 - 09/2023 📍 Riyadh, KSA

Technology consulting firm for financial solutions

- Managed the development of an Employee Portal using Angular/.Net Core, catering to diverse departments like Compliance and Sales using clean architecture principles.
- Coordinated comprehensive development of microservices and E2E testing with QA using SOAP UI/ Postman to deliver working collections.
- Integrated ASP.Net Core with T24, and IBM APIC, utilizing OAuth2 for RESTful API authorization to replace the existing core banking system and WCF with different 3rd parties like Musaned, and Western Union.
- Created detailed sequence/class diagrams using PlantUML and authored technical documentation on Confluence to enable knowledge sharing.
- Reverse-engineered the core banking backend in .NET, extracting critical business rules and validations to migrate the system functionalities using Windows Communication Foundation(WCF) and SOLID principles.
- Provided mentorship and training to the team in software development, cultivating expertise in technologies such as C#, ASP.NET MVC, JSON, Git, Angular, Visual Studio 2022, and SQL Server.

Senior Software Engineer

CME Offshore

📅 02/2017 - 08/2021 📍 Beirut, Lebanon

Multinational technology consulting firm

- Assumed the role of Scrum Master for the Insurance Sales Portal project, orchestrating meetings and transforming BRDs into tickets.
- Streamlined CI/CD processes for our .NET/Angular solution, utilizing Azure DevOps Repos and Pipelines.
- Orchestrated an Angular UI/UX data visualization solution by leveraging ngx-charts and Google Maps libraries for the COVID-19 Control Center project.
- Led the design, architecture, and API development of a multi-tenant Ecommerce Angular application.
- Designed robust MSSQL database schemas, procedures for batch processing, and repository patterns with Dapper in .NET Framework.
- Developed a C# WPF lightweight desktop application that communicates with Subway POS systems using C# WPF, REST APIs, SQLite, MySQL.
- Optimized performance of ASP.NET applications using JetBrains tools (dotMemory, dotTrace), and facilitated code migration from SVN to Git.

Intern

Capital Banking Solutions

📅 06/2016 - 09/2016 📍 Hazmieh, Lebanon

E2E provider for integrated banking software

- Crafted a user-friendly UI using JSP & JSF within a Java MVC framework, which led to a 30% increase in engagement among back-office users with the presented transformed data.
- Developed an Oracle ADF application to facilitate the transformation of DB tables into XML format, enabling seamless transmission through Swift.

EDUCATION

MSc in Computer Engineering

Ecole Supérieure des Ingénieurs de Beyrouth - USJ

📅 2012 - 2017 📍 Beirut, Lebanon

MOST PROUD OF

👥 **Professional Scrum Master 1 Certification (05/2023)**

This allowed me to lead the developers in an agile way and mentoring them for agile methodologies

💎 **1st Digital Bank (stc pay) Launch in KSA**

Played a critical part in launching the first digital bank in KSA

🏆 **CFA Competition Winners (02/2020)**

Captain of the NDU team for the CFA research challenge

🖥 **Murex Excellence Award (07/2017)**

Best FYP in the Computer Engineering program

TECHNICAL SKILLS

Asp.Net C# WPF WCF Git

Angular SOAP Javascript

REST Typescript XML Polly

Confluence JIRA Kafka

Dapper Postman MSSQL

MongoDB Docker Postman

LANGUAGES

English ●●●●●

French ●●●●○

Arabic ●●●●●

Spanish ●○○○○