Houssein Ammar

Software Engineer / C# .NET Developer

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SUMMARY

Software Engineer with 4+ years of experience in designing, developing, and maintaining enterprise and banking applications. Strong expertise in C#, .NET, .NET Core, database optimization, API integration, and secure application development. Experienced in SWIFT-related projects, financial systems, and performance-critical environments.

PROFESSIONAL EXPERIENCE

IT Infrastructure & Software Developer **Jan 2025 – Present**

Allied Engineering Group

- Developed and enhanced enterprise and banking applications using C#, .NET, and .NET Core.
- Worked on SWIFT-connected projects, ensuring compliance and secure data exchange.
- Integrated APIs and synchronized applications with backend systems.
- Improved application performance, security, and maintainability.
- Participated in security reviews and vulnerability remediation.
- Collaborated with infrastructure teams to deploy applications securely on servers and cloud platforms.

IT Specialist & Software Developer **Jan 2023 – Dec 2024**

Hamster POS

- Developed and maintained Java-based POS and business applications.
- Worked on Java backend services, REST APIs, and database integration.
- Optimized application performance and database queries, reducing server load by 37%.
- Collaborated with frontend and infrastructure teams for deployment and support.
- Participated in troubleshooting, production issue resolution, and performance tuning.
- Contributed to application security reviews and vulnerability remediation.
- Supported systems used by 250+ active clients across the region.

Software Developer **Sep 2020 – Dec 2022**

Freelance

- Developed full-stack web applications serving 5,000+ users.
- Built responsive user interfaces using HTML, CSS, JavaScript, AJAX.
- Developed backend features using C#, PHP, and Laravel.
- Ensured seamless data flow between front-end and back-end systems.

Junior Software Developer **Jan 2020 – Aug 2020**

Codeink, Lebanon

- Developed 18 responsive websites, achieving 99% user satisfaction.
- Built and consumed backend APIs handling 500+ requests per second.
- Implemented penetration testing and vulnerability scanning.
- Ensured seamless data flow between front-end and back-end systems.

PROJECTS

SWIFT LAU / Security Integration | *C#, .NET, Java, SOAP, HMAC, GCM, SWIFT*

Developed security and LAU integration for SWIFT MT, MX, and FileAct messages, supporting HMAC/GCM processing, LAU injection, validation, and secure message exchange.

Advance Service Transfer (AST) | *C#, .NET, SQL Server, SOAP, SWIFT*

Worked on an enterprise banking transaction and message-processing platform integrated with SWIFT for secure message transfer and processing.

List Automation & Compliance System | *C#, .NET, SQL Server, Windows Services*

Developed automated compliance-list processing with file imports, filtering, validation, database processing, error handling, and event journaling.

DDA – Duplication Detection Application | *C#, .NET, SQL Server*

Developed and maintained a banking application for detecting duplicate transactions and messages to reduce duplicate processing.

Automated Reporting Service | *C#, .NET, SQL Server, Crystal Reports, Windows Services*

Developed a database-driven service for scheduled report generation using Crystal Reports, SQL Server, and Windows Services.

Delivery Management Platform | *Flutter, REST APIs, GPS / Location Services*

Developed Restaurant and Driver Flutter applications with delivery request handling, location and zone-based driver management, plus an Admin monitoring page for drivers, zones, and operational status.

POS & Business Management Applications | *C#, Java, REST APIs, SQL*

Developed and maintained POS and business-management applications with API integration, database processing, reporting, and operational support.

EDUCATION

Bachelor's Degree in Information Technology & Computer Science **Sep 2018 – July 2022**

Lebanese International University

CERTIFICATES & TRAININGS

- CCNA R&S: Scaling Network Certificate
- CPA Programming Essentials in C++ Certificate
- CyberOps Associate Certificate
- Network Security Certificate
- CCNA R&S: Routing and Switching Essentials Certificate
- CCNAv7: Introduction to Networks Certificate
- CCNAv7: Bridging Certificate
- Partner: PCAP - Programming Essentials in Python Certificate
- Introduction to Cybersecurity Certificate

SKILLS

- Programming: C#, .NET, .NET Core, PHP, Python, JavaScript, XML
- Web Technologies: HTML, CSS, Bootstrap, React, Angular, AJAX
- Databases: MSSQL, MySQL, MongoDB, PostgreSQL, Redis
- APIs & Integration: REST APIs, JSON, Secure Data Exchange
- Cloud & Deployment: AWS, Azure, Windows Server
- Security: Secure Coding, Vulnerability Scanning, Application Audits

LANGUAGES

- Arabic (Native)
- English (Fluent)
- French (Basic)