JOSEPH LTEIF

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SUMMARY

Full-Stack Software Engineer with **2.5+ years of post-graduate professional experience** focused on **internal tooling** at **Murex**. Specialized in **Java and Spring Boot**, successfully **reducing data processing time by 50%** for code coverage systems and **eliminating critical security risks** in **modern and legacy tools**. This professional tenure is built upon a strong foundation of **freelance and part-time development** (Flutter, .NET Core) delivered concurrently with university studies, demonstrating a long-standing ability to manage complex deliverables across diverse tech stacks.

PROFESSIONAL EXPERIENCE

Murex   **Jul 2023 - Present**
Software Engineer - Lebanon
Full time - Hybrid

Skills: Java, SpringBoot, Spring Batch, Groovy, Ant, Perforce, SVN, Git, Angular, Sybase, Postgres, Axon Framework, MongoDB, Security/Vulnerability Management, Event Driven Architecture, Splunk, Legacy Migration

- Optimized a high-bandwidth coverage system handling TBs of raw data using Spring Batch. Reduced processing time by 50%, enabling real-time visualization of millions of lines of Java/C++ code.
- Eliminated 100% of critical/major security risks and reduced minor issues by 80% by integrating automated vulnerability scanning into the CI/CD pipeline.
- Built and enhanced internal engineering tools to streamline product life cycle management.
- Developed intuitive web interfaces to monitor system activity, including backport status and coverage reports.
- Redesigned and modernized system interfaces, ensuring adherence to the latest design principles and best practices.
- Migrated legacy systems to modern architectures, improving maintainability and performance.
- Developed services to abstract communication with legacy version control systems, modernizing development pipelines.
- Maintained cross-version compatibility for new features and security patches.
- Updated technical documentation to ensure accuracy and usability for internal developers.
- Collaborated with cross-functional teams to ensure seamless feature deployment and address system bottlenecks.
- Architected and implemented custom filtering chain for artifacts by applying advanced filtering and purge sequencing to ensure efficient cleanup lifecycle and reducing storage footprint.

Rock Solid Group   **Aug 2022 - Jul 2023**
Software Engineer - KSA
Part time - Remotely

Skills: ASP.NETCore, DevExpress, Amazon S3, CMS Development, Large Language Models API

- Engineered a custom CMS using DevExpress (ASP.NET Core), enabling clients to independently manage digital assets.
- Developed web interfaces for seamless consumption and updating of video/image assets via Amazon S3 integration for construction site monitoring.
- Developed a web interface to interact with Large Language Models with custom functionalities tailored to client needs.

Codepickles,SARL   **Jun 2021 - Jul 2023**

Software Engineer - France

Part time - Remotely

Skills: Flutter, .NET Core, MQTT, Firebase, Keycloak, ASP.NETCore, Microcontroller (Arduino, ESP8266) programming

- Architected cross-platform e-commerce and services providing mobile application using Flutter. Built backend web APIs with .NET Core.
- Implemented MQTT brokers for real-time app communication with IOT devices.
- Built Dashboards to monitor devices performance and dispatch commands remotely.
- Integrated Firebase push notifications for real-time updates.
- Integrated Keycloak authentication for secure app functionality.
- Refactored legacy ASP.NET code bases to improve maintainability and performance.
- Created an Orchestrator service to allow organizing and orchestrating separate services.

Tekwin Digital   **Jun 2021 - Sep 2021**

Full Stack Engineer - Lebanon

Full time - Office

Skills: Flutter, STRAPI (API), Bootstrap, Web Design, Google Maps API

- Developed a cross-platform mobile application using Flutter designed at managing buildings and neighborhoods.
- Designed and deployed APIs using STRAPI tool as proof of concept of the validity of the tool.
- Created educational responsive web designs and UI components using Bootstrap.
- Animated a big amount of UI elements to enhance user experience while maintaining performance.

TECHNICAL SKILLS

Languages:	Java, C++, C#, Dart, SQL, HTML/CSS, Ant, Groovy, Typescript, Javascript, .NET Core
Frameworks:	ASP.NET, Flutter, Bootstrap, STRAPI, AXON Framework, Angular, Spring Boot
DevOps & Tools:	Docker, Amazon S3, MQTT, Firebase, Keycloak, Jenkins, Splunk, Sybase, MongoDB, Postgres, Perforce, SVN, Git
Soft Skills:	Critical Problem Solving, Security-First Mindset, Adaptability, Cross-Functional Collaboration, Time Management & Autonomy

EDUCATION & CERTIFICATIONS

Université Antonine / UA   **2018 - 2023**

Diplôme d'ingénieur informatique et des communications - Génie logiciel et réseaux

VOLUNTEERING & LEADERSHIP

Lebanese Red Cross - Youth Sector   **2018 - Present**

Leadership Roles & Active Membership

- **Leadership:** Served as Treasurer, Head of Logistics, and Head of Environment Committee.
- **Crisis Management:** Active disaster responder; provided logistical support during the Beirut Explosion relief efforts**.**