

Ahmad Sakr

Beirut, Lebanon

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Personal Profile

Full-stack developer with 2 years of experience and a B.S. in Computer Science from the Lebanese University. Experienced in building applications with C#, Java, and Go, specializing in backend architecture and system-level development. Complementing this with frontend development and UI animations, including foundational knowledge of Angular. Implemented agentic development workflows using custom AI agents and specialized rulesets to optimize team output. Utilizing modern tools like GitHub Copilot, Cursor, and Claude Code to deliver high-impact software solutions.

Work Experience

Born Interactive

Beirut, Lebanon

Full Stack Web Developer

May 2024 - Present

- Played a key role when the team adopted agentic development, introducing custom AI agents and specialized rulesets that drove significant improvements across the software development lifecycle.
- Architected and maintained complex administrative portals using ASP.NET Core MVC (C#), leveraging EF Core and ADO.NET for robust data access and Kendo UI/jQuery for interactive interfaces.
- Enhanced application functionality by integrating Azure Neural Speech (TTS) and automating third-party AML checks and sanctions screening within existing workflows.
- Integrated secure payment processing via the Areeba gateway using REST APIs and implemented scalable pricing engines for complex business models.
- Built responsive frontends and data visualizations using SKWID CMS, GSAP, and ApexCharts, transforming backend data into optimized models for UI efficiency.
- Boosted system scalability and performance by resolving N+1 issues, implementing async operations, and applying advanced database normalization and indexing strategies.
- Utilized modern AI tools including GitHub Copilot, Cursor, and Claude Code to accelerate the delivery of high-impact technical solutions.

Foo mobi

Beirut, Lebanon

Backend Web Development Intern

Nov 2023 - Jan 2024

- Proactively generated a comprehensive database business model that substantially helped documenting shipped software to clients.
- Developed a comprehensive Java (Jakarta EE/Spring) demo application to simulate a high-traffic backend, implementing Redis for distributed caching and Asynchronous Processing to handle concurrent task execution.
- Employed JAXB (Jakarta XML Binding) in advance to implement SOAP APIs.
- Technical Skills: Java, Jakarta EE, SOAP Web Services, Documentation with Swagger, Spring Testing & JUnit 5, Asynchronous Processing, Spring, MySQL DB & H2 DB, Redis, Docker, Scripting, Git.
- Soft Skills: Teamwork, Time Management, Communication, Presentation skills, Report Writing.

Apliman

Beirut, Lebanon

Full-Stack Web Development Intern

Aug 2023 - Oct 2023

- A full-stack application that handles commerce activities through Spring and Flutter.
- An engine that processes/stores events received from an external platform over HTTP.
- A chatbot UI that connects to OpenAI's ChatGPT to automate company services.
- Technical Skills: Java, Rest Services, Asynchronous Processing, Spring Framework, Spring Batch, Spring Tools Suite, Dart, Flutter, UI Design, Scripting, Git, Postman Testing.
- Soft Skills: Teamwork, Time Management, Communication, Presentation skills.

Personal Projects

Task Manager Application

Lebanese University

Beirut, Lebanon
Apr 2023 - May 2023

- Worked with JavaFx for UI development and Embedded Derby DB for database management.
- Employed certain Design Patterns to organize software structure and open areas for future extensions.
- Was an active member of a team of 4 colleagues.
- Technical Skills: Java Time API, JavaFx, Derby DB, JDBC, Design Patterns.
- Soft Skills: Time Management, Leadership, Teamwork, Logical Thinking, Presentation skills.

Blogging Website

Lebanese University

Beirut, Lebanon
Nov 2021 - Dec 2021

- Worked with Laravel for Full Stack Web development.
- Worked with Blade templating and Vite for server rendered UI development.
- Technical Skills: Laravel, Blade templates, Vite, Html, Css, UI Components integration with blade, Composer, Eloquent ORM, Mocking Data generation, Http Basic Auth.

Student Information Registry

Independent Work

Beirut, Lebanon
Sep 2022

- Worked with Go's Echo web framework to expose Rest APIs.
- Handled CRUD operations with the help of GORM object relational mapper and MySQL DB.
- Handled CRUD operations with the help of Go's SQL support and MySQL DB.
- Technical Skills: Go, Echo, Gorm, Rest APIs, MySQL DB, CRUD operations.
- Soft Skills: Logical Thinking, Critical Thinking.

Education

Lebanese University

Bachelor's degree in Computer Science

Beirut, Lebanon
Sep 2020 - July 2023

- Google Developer Student Club core team member - Web Team.
- Courses: Data Structures and Algorithms, (Relational) Database Management, Operating Systems (Unix), Networking, Parallel Computing, etc...

International College

Lebanese Baccalaureate

Beirut, Lebanon
Sep 2016 - July 2019

- Graduated with Honorable Mention.
- Lead a full scholarship for 3 years at IC.

Skills

Programming	C# (.Net core, ASP.NET core), Java (Spring, Jakarta EE, JavaFX, etc...), Dart (Flutter), PHP (Laravel), Go, C/C++, HTML/CSS, JavaScript (jQuery), SQL.
Miscellaneous	Linux, Shell (Bash), Markdown, Microsoft Office, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Interests

Volleyball	My favorite physical hobby, practiced once every week.
Competitive Programming	Competing in Local and Online Programming Contests. I was a participant of LCPC 2023.
Linux	A great development environment and a light/extensible OS.

Languages

English	Professional proficiency
Arabic	Native proficiency

References available upon request.