

OMAR MNEIMNEH

Senior Software Engineer · Full Stack · 3D · AI

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PROFILE

Senior software engineer who works across the whole stack: backend, frontend, 3D, game development, mobile, DevOps and Agile delivery, in startups and established enterprises. Debugs performance end to end, with speedups of up to 50× on critical paths, and uses AI, mainly Claude, to fully automate building systems that scale to very large projects.

EXPERIENCE

H SENIOR SOFTWARE ENGINEER Sep 2024 – Present
WorkPacks Remote, Dubai

- Build 3D applications on Autodesk Viewer (Forge) for a digital construction planning platform.
- Work full stack across backend and frontend.
- Debug performance end to end and fix root causes, making some backend and frontend paths up to 50× faster.
- Improve the security of the application.
- Work on CI/CD and Kubernetes alongside feature development.
- Practise AI-assisted and AI-intensive development, mainly with Claude.

G SR. CRM SPECIALIST May 2023 – Sep 2024
Dubai Sports Council Dubai, UAE

- Set up Dynamics 365 CRM and customised it for the Council’s business model.
- Built internal business applications: Volunteering Registration (model-driven Power App) and Sport Sessions Attendance (canvas Power App).
- Delivered services on the DubaiNow app in collaboration with Digital Dubai.
- Helped revamp the Council’s official website, improving service quality for customers and the business.
- Represented the Council at government and global events such as GITEX.

F SOFTWARE ENGINEER Jul 2020 – Apr 2023
Murex Beirut, Lebanon

- Built features and fixed bugs in an agile team working on a SaaS application.
- Developed and maintained REST API services with Spring Boot.
- Migrated CI to a new Jenkins instance and set up Kubernetes build pods.
- Added unit, integration and end-to-end tests.
- Worked in C++ with in-house build tools and libraries (mxbuild).
- Took part in all scrum ceremonies, coordinated dependencies between teams, and split features into stories and tasks.

E FULL STACK INTERN Jan 2020 – Jun 2020
Blugrass Technologies Beirut, Lebanon

- Started BluAttend, an attendance application, with React and .NET Core.
- Learned Microsoft Dynamics CRM and supported a client with it.

SKILLS

Frontend
React, Next.js, Vue.js, TypeScript, Tailwind CSS, Redux, MobX

Backend
Node.js, Express, .NET, Spring Boot, Laravel, Python, C++

3D
Autodesk Viewer (Forge), Three.js / WebGL, Blender

Games
Unity, 2D and 3D game development

Mobile
React Native, Flutter, Android (Java, Kotlin)

Data
PostgreSQL, MS SQL Server, MySQL, MongoDB, Firebase

DevOps
Kubernetes, Docker, Jenkins, CI/CD, AWS, Git

AI
Claude, AI-assisted development, Agentic automation

Agile
Scrum, Planning and execution, Cross-team coordination

Business apps
Dynamics 365, Power Apps

PRACTICE

Performance debugging, Security improvement, Test-driven development, Competitive programming

EXPERIENCE, CONTINUED

D **BACKEND DEVELOPER**
Cookley

Sep 2019 – Mar 2020
Beirut, Lebanon (Remote)

- Implemented the .NET Core and MS SQL backend of a mobile app for browsing recipes and ordering groceries.
- Created a Vue.js admin panel for recipes, products and orders.

C **SOFTWARE INTERN**
Evertteam

Jun 2018 – Aug 2018
Beirut, Lebanon

- Learned MVC backend development with ASP.NET and real-time communication with SignalR.
- Worked in a small team on a smart keyboard for typing Arabic words with English letters.

B **SOFTWARE INTERN**
IdeationSoft

Nov 2017 – May 2018
Beirut, Lebanon

- Created a small game while learning 2D and 3D development in Unity.
- Learned mobile development with React Native.

PROJECTS AND AWARDS

- **DubaiNow services** Added three sport services to Dubai’s government services app for UAE citizens, while at Dubai Sports Council.
- **BluAttend** Web-based attendance and HR platform. I started the project in 2020 during my time at Blugrass Technologies.
- **LCPC 2019: 6th place** Lebanese Collegiate Programming Contest, followed by the regional contest (ACPC).
- **GITEX 2023** Took part in GITEX Technology Week, October 2023.

EDUCATION

BACHELOR OF COMPUTER SCIENCE

Beirut Arab University, Beirut, Lebanon
2017 – 2020

- Ranked among the top 3 graduates in the Computer Science program.
- Minor in Mathematics.

LANGUAGES

Arabic, English, French

INTERACTIVE PORTFOLIO



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