



Mohammad Al Baker Zaytoun

Senior Software Engineer

+961 71 480 594
mabzaytoun@gmail.com
Beirut, Lebanon
zaytoun-portfolio.vercel.app

// BRIEF

Innovative Senior Software Engineer and Founder with a proven record in building scalable SaaS, e-commerce, and telecom solutions. Skilled in full-stack development, systems architecture, and agile leadership, delivering high-impact products that bridge business needs with cutting-edge technology.

// WORK EXPERIENCE

Zaytoun Solutions, Beirut, Lebanon

2025 - Present

Founder & CEO

- Define vision & strategy: Set company mission, product roadmaps and go-to-market plans for bespoke software, educational platforms and digital services.
- Automate business workflows with Zapier, N8N and custom webhooks -seamlessly connecting internal systems and third-party SaaS and e-commerce platforms.
- Build SaaS & e-commerce integrations, implementing subscription billing, payment flows (Stripe, Amazon Payments) and creator-focused monetization features.
- Lead cross-functional teams: Drive collaboration across backend (Node.js, Express, MongoDB), frontend (React, Next.js), mobile (Flutter), DevOps (AWS, Docker, Kubernetes) and marketing.
- Oversee end-to-end delivery: Architect scalable full-stack solutions, manage cloud infrastructure and CI/CD pipelines ensuring rapid, reliable releases.
- Drive business growth: Secure key contracts, negotiate strategic partnerships, manage P&L and deliver consistent year-over-year revenue gains.
- Validate product-market fit: Conduct market research, gather user feedback and iterate features maximizing adoption in telecom, SaaS and education verticals.
- Cultivate stakeholder relations: Liaise with investors, board members and enterprise clients-aligning on objectives, KPIs and ROI.
- Implement agile excellence: Introduce Scrum, Kanban, OKRs and performance metrics optimizing team productivity and delivery cadence.

Flyesim, Remote

2025 - Present

Senior Technical Consultant

- Consult on and enforce scalable backend architectures, driving technical excellence across all projects.
- Identify and eliminate performance bottlenecks, boosting system throughput and resilience.
- Mentor teams on microservices, event-driven design and API security, ensuring best-in-class implementations.
- Translate complex business requirements into precise technical roadmaps, aligning engineering efforts with strategic goals.
- Establish and optimize CI/CD pipelines, automated testing and monitoring frameworks accelerating delivery while maintaining unwavering quality.

Flyesim, Remote

2024 - 2025

Backend Development Team Lead & Integration Specialist

- Spearhead the design and delivery of highly scalable, resilient backend systems.
- Automate business workflows with Zapier, N8N and custom webhooks -seamlessly connecting internal systems and third-party SaaS and e-commerce platforms.
- Build SaaS & e-commerce integrations, implementing subscription

- billing, payment flows (Stripe, Amazon Payments) and creator-focused monetization features.
- Architect & integrate payment and billing platforms (Stripe, Amazon Payments) enabling secure transactions and subscription management.
- Lead client-facing technical engagements and onboarding—gather requirements, demo integrations, and provide post-launch support ensuring seamless adoption.
- Enforce rigorous code quality and performance benchmarks guaranteeing production-grade stability.
- Orchestrate seamless collaboration across frontend, QA, and DevOps teams accelerating time-to-market.
- Champion continuous innovation by mentoring developers on architectural best practices and cutting-edge patterns.

**Protel S.A.L Offshore,
Beirut, Lebanon**
2023 - Present

Senior Software Engineer

- Architect and deliver end-to-end solutions—from Android mobile apps to high-traffic web platforms—using Java, PHP, Node.js (Express, Hapi.js) and modern front-end frameworks.
- Design, integrate & optimize SMS and VoIP services (SMPP, SIP) with RESTful and SOAP APIs, ensuring carrier-grade reliability in the NOC environment.
- Automate business workflows with Zapier, N8N and custom webhooks—seamlessly connecting internal systems and third-party SaaS and e-commerce platforms.
- Build SaaS & e-commerce integrations, implementing subscription billing, payment flows (Stripe, Amazon Payments) and creator-focused monetization features.
- Lead research & prototyping of new frameworks and technologies; evaluate trade-offs and recommend optimal approaches solving critical business challenges.
- Administer & tune Oracle, Microsoft SQL Server and MySQL databases: design schemas, write complex stored procedures and implement performance-tuning strategies.
- Automate build & deployment pipelines with Git, Docker and shell scripting on RedHat Enterprise Linux—reducing release cycle time and minimizing manual errors.
- Implement data analysis workflows in Python to extract insights, drive feature prioritization and inform technical roadmaps.
- Provide L2/L3 support for telecommunication systems: troubleshoot network incidents, coordinate cross-team resolution and maintain 99.9% service uptime.
- Mentor and pair with junior engineers: enforce best practices, conduct rigorous code reviews and foster a culture of continuous improvement.

**Lancaster Tamar Hotel,
Beirut, Lebanon**
2022 - 2023

Head of IT Department - Cluster Assistant

- Architected & optimized the hotel's network infrastructure, including Cisco switches, Wi-Fi access points, IP cameras and CCTV systems, ensuring seamless connectivity and security.
- Monitored & troubleshoot Windows servers (performance, temperatures), network devices and services—maintaining >99.9% uptime and rapid incident resolution.
- Administered Active Directory and domain controllers: implemented security policies, user provisioning and system hardening.
- Managed core hospitality platforms (Opera PMS, Micros POS, Sun Financials, FBM inventory): performed system configuration, service monitoring and prompt fault remediation.
- Designed & deployed touchscreen kiosks for the hotel restaurant enhancing guest ordering workflows.
- Implemented backup & DR solutions with Veeam for virtual machines and critical data, ensuring reliable recovery processes.
- Delivered on-site and cross-property IT support across Lancaster hotels in Lebanon—responding to urgent technical requests and leading infrastructure upgrades.

**LouLoua TV,
Beirut, Lebanon**

Senior IT Assistant

- Monitored & maintained broadcast workstations and servers,

2022 - 2022

guaranteeing 24/7 on-air reliability.

- Diagnosed & repaired hardware and software failures swiftly, minimizing downtime for live programming.
- Managed network uplinks, routers and switches ensuring stable connectivity between studios and transmission points.
- Implemented preventive maintenance routines and collaborated with engineering optimizing system performance.

Mining Tech, Beirut, Lebanon

2021 - 2022

Engineering Technician

- Engineered & maintained high-performance cryptocurrency mining rigs: assembled hardware, optimized BIOS settings, and diagnosed component failures maximizing uptime.
- Administered company IT infrastructure—desktops, laptops and networked servers—implementing OS updates, security patches and routine maintenance.
- Directed the organization's digital media strategy: managed social channels, produced analytics-driven content, and grew audience engagement.
- Produced marketing collateral and video advertisements using Adobe Premiere Pro, After Effects and Photoshop, elevating brand visibility.
- Optimized cooling and power configurations for mining operations, improving hash-rate efficiency and reducing energy costs.

MAAREF University, Beirut, Lebanon

2021 - 2022

Teacher Assistant

- Facilitated C++ and Java lab sessions covering programming fundamentals, OOP principles and core data structures.
- Designed and refined hands-on exercises to reinforce concepts like pointers, inheritance, recursion and algorithmic efficiency.
- Provided one-on-one guidance and group support, clarifying complex topics and resolving student queries boosting understanding.
- Evaluated and graded assignments, delivering targeted feedback that accelerated student skill development and academic performance.

Al Bachaer Radio, Beirut, Lebanon

2018 - 2019

Installation & Maintenance Assistant

- Deployed & maintained radio broadcast infrastructure—including transmitters, antennas and studio hardware—across multiple sites in Lebanon.
- Installed & configured IP camera systems for centralized monitoring from Beirut, enhancing security and operational insight.
- Diagnosed & repaired hardware and network issues on-site, minimizing service interruptions and ensuring 24/7 broadcast reliability.
- Coordinated with field teams and station managers scheduling preventative maintenance and equipment upgrades.

Zaytoun Computer Repair Service, Beirut, Lebanon

2016 - 2025

Founder

- Built and scaled a full-service computer repair business, overseeing operations, client acquisition and service delivery.
- Diagnosed and resolved complex hardware and software issues on laptops and desktops—upgrades, data recovery and performance tuning ensuring 100% customer satisfaction.
- Designed and deployed custom Android applications (Java/Kotlin) and responsive websites, translating client requirements into polished digital products.
- Managed end-to-end project lifecycles: scope definition, timeline planning, budgeting and quality assurance.
- Established streamlined workflows and inventory control processes, optimizing turnaround times and reducing costs.

// SKILLS

Programming & Frameworks

// EDUCATION

2019 - 2022

Al MAAREF University - Beirut, Lebanon

APIs Integration Specialist
Mobile Development
Leadership & Communication
Problem Solving & Learning
Fix Computers/Laptops
IT Operations, Consulting, Project Manager
Networking & Systems
Telecom & Integration
DevOps & Infrastructure
Databases
MS Office
Working in groups
Public Speaking
Build-Maintain Mining Rigs
Multimedia & Design

// ACTIVITIES

2016 - 2017

Volunteering - Al Mahdi Schools Beirut - Rafik Hariri hospital

Visiting cancer patients and taking care of them for a day.

2014 - 2015

Volunteering - Al Mahdi Schools Beirut - Group Admin/Manager

Cycling for Environment: cycling every day for a month.

Computer Science

GPA: 3.5/4

// HONORS & AWARDS

Dean's Honor List: Letter of commendation by Al MAAREF University, Beirut, Lebanon
2021 & 2022 & 2023

2nd place at Al Mahdi Schools competition(Between all Al Mahdi Schools over Lebanon) titled by "How to face family disintegration due to social media", Beirut, Lebanon
2017

Top 10 at AUB hackathon titled by "Hack The Fake", Beirut, Lebanon
2020

// CERTIFICATIONS

Advanced Full Stack Development with AI from Forward Mena, Beirut, Lebanon
2025

Microsoft Power BI DAX from Scratch, Udemy
2023

Master in Microsoft Power BI Desktop and Service, Udemy
2023

NDG Linux Unhatched course in the Cisco Networking Academy
2020

PCAP: Programming Essentials in Python provided by Cisco Networking Academy, Cisco
2020

Learn Ethical Hacking From A-Z: Beginner To Expert Course, Udemy
2021

Reverse Engineering and Memory Hacking with Cheat Engine, Udemy
2021

Introduction to Cybersecurity by Cisco Networking Academy
2020

Introduction to IoT by Cisco Networking Academy
2020

Deep Web - The complete Introduction to the hidden web, Udemy
2021

Git from Basics to advanced: Practical Guide for Developers, Udemy
2021

The Complete SQL Course: Become a MYSQL Master, Udemy
2021

SQL Programming and MySQL Developer Certification Training, Udemy
2021

IEEE Lebanon Entrepreneurship Summit: Smart
Sustainable Cities, IEEE
2020

Object Oriented Programming Basics to Advance
(Java OOP), Udemy
2021

MySQL Database Development Mastery, Udemy
2021

Mastering SQL Server | Passage to become Database
Developer, Udemy
2021

Comprehensive SQL Bootcamp: Beginner to Advanced,
Udemy
2021