

# MAHMOUD KALEKISH

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## PROFILE

Full-Stack Software Engineer with 3+ years of experience delivering scalable web and mobile solutions. Skilled in Angular, Spring Boot, MERN, and Flutter, with growing expertise in DevOps (Docker, Kubernetes) and applied AI research through ongoing PhD studies. Proven ability to design, implement, and optimize systems end-to-end, reducing deployment errors and improving performance. Experienced in collaborating with startups and businesses to deliver innovative, client-focused solutions.

## PROFESSIONAL EXPERIENCE

**IN2** | Beirut, Lebanon

Full-Stack Engineer | October 2023 - Present

- Architecting and delivering end-to-end solutions using Angular (frontend) and Spring Boot (backend).
- Integrated ZKTeco BioTime, BioTimeCloud, BioSecurity & BioAccess, boosting access control and time-tracking efficiency by ~30%, reducing manual interventions.
- Led database migration efforts and implemented Liquibase for schema version control, cutting deployment errors by 40%.
- Resolved critical bugs using advanced debugging techniques, improving system stability and reducing downtime by 25%.
- Integrated and optimized third-party APIs, enhancing overall performance.
- Collaborated in cross-functional Agile teams — sprint planning, retrospectives, daily stand-ups.
- Participated in code reviews and peer mentoring, ensuring high-quality, maintainable code.
- Maintained thorough documentation of codebase, configs, and API integrations, reducing onboarding time for new developers by ~50%.

**Merix** | Beirut, Lebanon

Full-Stack Software Engineer | October 2021 - Present

- Delivered 10+ full-stack web and mobile applications for startups and businesses, accelerating product launches and supporting scalability.
- Collaborated directly with clients to define requirements, translating business needs into tailored technical solutions with high client satisfaction and repeat engagements.
- Built scalable systems using Spring Boot, Angular, Flutter, React, and Firebase, supporting applications with hundreds of active users.
- Integrated REST APIs, payment gateways, Firebase Auth, and third-party services.
- Deployed applications using Docker, Kubernetes, AWS, and Hostinger.

**BEANZ** | Abu Dhabi, United Arab Emirates

Remote Software Engineer | July 2023 - October 2023

- Built responsive, dynamic user interfaces using React.js, TypeScript, and Tailwind CSS.
- Integrated multilingual support (including Arabic) using React i18n, enhancing accessibility for a diverse user base.
- Dockerized applications for consistent and efficient deployment across environments.
- Collaborated in a fully remote, cross-functional team using Jira, Bitbucket, and Git for task management and version control.

- Contributed to the successful delivery of high-performance web applications with a focus on accessibility, localization, and containerization best practices.

## **Codi Tech** | Beirut, Lebanon

Full Stack Web Developer | November 2022 - June 2023

- Developed full-stack applications using a range of backend technologies including Laravel, Express.js, Node.js, MongoDB, PHP, SQLite, and REST APIs.
- Designed and built responsive frontends using React.js, React Native, JavaScript, HTML5, and CSS.
- Built and tested APIs with Postman, and implemented efficient API-driven architectures.
- Containerized applications with Docker ensuring consistent deployment across environments.
- Administered and maintained server environments using LAMP Stack on Linux.
- Followed Agile methodologies for project planning, task tracking, and team collaboration.
- Managed and customized websites using WordPress CMS.
- Delivered 5+ production-ready applications within tight deadlines.

## **PROJECTS**

- **Quest It** – Freelance service marketplace (*Flutter, Firebase, Angular*) / January 2023 – September 2025
  - Built a cross-platform mobile app with real-time chat, service booking, and geolocation.
  - Implemented Firebase authentication, database, and push notifications.
  - Developed a supporting website in Angular for promotion and onboarding.
- **TreatYouBatter** – Business management dashboard (*Spring Boot, Angular, MySQL*) / June 2024 – March 2025
  - Created an admin dashboard for managing transactions, invoices, stock, and notifications.
  - Built a secure Spring Boot backend and Angular frontend with role-based access.
  - Deployed on Hostinger with optimized MySQL performance and REST APIs.
- **JONCO-MET Portfolio** – Business showcase website (*MERN Stack*) / February 2023 – March 2023
  - Developed a scalable portfolio site to showcase solar and safety film installations.
  - Implemented responsive design and easy project updates.
- **Lights-Out** – Movies and series browsing platform (*React.js, Tailwind CSS, Firebase*) / June 2022 – August 2022
  - Designed a responsive UI for browsing movies and series.
  - Integrated Firebase backend for real-time data and user management.

## **EDUCATION**

MA in Management Information System | Lebanese University | Beirut, Lebanon | 2022 - 2024

BA in Management Information System | Lebanese University | Beirut, Lebanon | 2019 - 2022

## **CERTIFICATES**

Google Cloud Fundamentals: Core Infrastructure (Google, 2025)

AWS Certified Cloud Practitioner – Amazon Web Services (2025)

**LANGUAGES** Native in Arabic; Proficient in English and French; Beginner in German.