

MAHMOUD KALEKISH

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PROFILE

Full-Stack Software Engineer with a passion for solving real-world problems through scalable web and mobile solutions. Skilled in Angular, Spring Boot, MERN, and Flutter, with a growing focus on DevOps (Docker, Kubernetes) and applied AI research. Proven ability to work across the full development lifecycle, contribute to digital twin simulations, and deliver high-impact freelance projects for startups and businesses.

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
- Led database migration efforts and implemented Liquibase for schema version control
- Resolved critical bugs using advanced debugging techniques, improving system stability
- Integrated and optimized third-party APIs to enhance 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 for team onboarding and future scaling

Freelance Software Engineer | October 2021 - Present

- Delivered full-stack mobile and web applications from design to deployment
 - Collaborated with clients to define requirements and deliver custom solutions
 - Built scalable systems using Spring Boot, Angular, Flutter, React, and Firebase
 - Integrated REST APIs, payment gateways, Firebase Auth, and third-party services
 - Deployed applications using Docker, Kubernetes, AWS, and Hostinger
- ♦ **Quest It** – A mobile app + web platform for service-based freelance work
 - Built the Flutter app with Firebase real-time updates, chat, and service booking
 - Created an admin dashboard in Angular to manage users, services, and transactions
 - Integrated Google Maps for geolocation-based service requests
 - ♦ **TreatYouBatter** – A business management dashboard for product & service oversight
 - Developed a Spring Boot backend with Angular for role-based admin control
 - Implemented real-time updates, MySQL database, and REST API communication
 - Optimized system performance and deployed via Hostinger

BEANZ | Abu Dhabi Emirate, United Arab Emirates

Remote Web Developer Intern | 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 | Nov 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 to ensure 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, focusing on usability and content publishing.

PROJECTS

- **Lights-Out** | ReactJs, Tailwind, Firebase: Movies and series browsing platform with a user-friendly interface. [LiveDemo](#).
- **JONCO-MET Portfolio** | MERN Stack: Portfolio showcasing solar and safety control film installations in Lebanon. [LiveDemo](#).
- **Avon** | MERN Stack: E-commerce website for skincare products with add-to-cart functionality. [LiveDemo](#).
- **Hani** | ReactJS, Node.js, Express.js, MongoDB, React i18n: A multilingual website offering a user-friendly platform with language support for diverse audiences. Implemented robust backend logic and seamless integration of React i18n for enhanced accessibility. [LiveDemo](#).
- **Need** | ReactJs, NodeJs, ExpressJs, and MongoDB: Robust e-commerce platform for laptops and accessories with feedback integration. [LiveDemo](#).

EDUCATION

BA in Management Information System | Lebanese University | Beirut, Lebanon

MA in Management Information System | Lebanese University | Beirut, Lebanon

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