

BADWI FINIANOS

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Software Engineer • Team Leader • Technical Consultant

EXPERIENCES

Interpay SAL, Lebanon • Technology Expert / Solution Architect - Consultant (09/2024) - Present

As a part-time consultant, I am responsible for defining the solution architecture and selecting technologies to build a secure and scalable digital wallet from scratch in Lebanon. My focus includes implementing robust financial security measures to protect sensitive user data and transactions. I monitor project progress making key architectural decisions, and optimize solutions for cost-efficiency, ensuring alignment with business goals and regulatory standards.

Technical Environment: C#, .Net Core, React Native, Oracle, AWS, microservices architecture, draw.io, Plant UML

Thales DIS, Paris • Senior Software / DevOps Engineer (09/2023) - Present

In my current role, I am responsible for developing, optimizing and maintaining scalable backend services for a financial application. I ensure the application adheres to high standards of data integrity and accuracy, essential for financial transactions with a strong emphasis on security. I also focus on conducting code reviews, updating pipelines and implementing unit and integration tests to ensure code quality for regulatory audits.

Technical Environment: Node.js, TypeScript, AWS, serverless Lambda, S3, DynamoDB, MongoDB, Jenkins, Git, Agile, Scrum

Alinma Bank, Riyadh KSA • Software Team Lead - Consultant (11/2022) - (08/2023)

As a Technical Team Lead for the development of the Bank's retail app under Deloitte's management, I led a team of 12 developers across 4 squads to deliver secure, scalable, and high-quality features. My role involved ensuring the app adhered to stringent financial security standards, improving code quality by setting robust coding practices, and optimizing pipelines for efficient delivery. I also acted as a bridge between business stakeholders and development teams to align technical tasks with strategic objectives.

Technical Environment: React Native, Javascript, Java, Azure, Jenkins, Git, Agile, Scrum

Eurisko Mobility, Lebanon • Senior Full Stack Engineer (07/2022) - (08/2023)

I led the development of mobile apps and websites for high-profile clients like Al Qabas Media and the MBC Group, delivering scalable and secure digital solutions. My role also involved designing reusable npm packages to streamline development processes and enhance overall project efficiency.

Technical Environment: React Native, React, Node, Express.js, MongoDB, AWS, EC2, S3, Elastic Search, Kubernetes, pnpm, Git

EndSpace, Lebanon / Australia • Project Lead - Full Stack Engineer (01/2022) - (07/2022)

Led the handover and further development of the AHOY (yachts club in Australia) website and its admin dashboard from PWC, ensuring a seamless transition for EndSpace's team. Focused on optimizing data handling

and GraphQL APIs to enhance performance and scalability. I also collaborated with clients and internal teams to define technical requirements and project timelines.

Technical Environment: Angular, Node, Typescript, GraphQL, PostgreSQL, Azure, Agile, Scrum

brCodes, UK / Lebanon • Technical Lead - Project Manager (09/2019) - (07/2022)

Managed a startup team, overseeing the development of mobile and web applications across multiple countries. I mainly conducted technology research, designed scalable architectures, and mentored junior team members and actively participated in development, contributing to codebases and performing code reviews. I was also facilitating direct client communication to ensure project alignment with the requirements.

Technical Environment: React Native, React, Angular, Node, Java, Python, AWS, Firebase, SQL, NoSQL, Unity 3D

IoT Projects: Developed IoT and Home Automation applications, specially IoTee Solutions, where I planned, designed, and developed hardware, firmware, and a web application to monitor and control trees and gardens.

Technical Environment: Arduino, Raspberry Pi, LoRa, Python, VueJS, MQTT

Multilane, US / Lebanon • Software Engineer (11/2017) - (08/2019)

Developed software and APIs to control electronic boards, tested hardware and firmware, and designed the automation testing software architecture for electronic boards.

Technical Environment: C#, C++, XAML, Python, PIC32

SKILLS

Frontend:	React, Angular, VueJS, Next.js, React Native, Html, CSS, Tailwind, C#
Backend	NodeJS, NestJS, GraphQL, Java, PHP, .Net Core, Third party integration, micro-services
Databases:	MongoDB, PostgreSQL, MySQL, Oracle, Neo4j, Firestore, DynamoDB, Aurora
AWS:	Lamda, EC2, S3, DynamoDB, Aurora, KMS, Event Bridge, SNS, SQS, Cloudwatch
Azure:	DevOps, Artifacts, Pipelines, Kubernetes, Services, App Configuration
GCP:	Authentication, Functions, Storage, Messaging, Firestore
DevOps & Tools:	Git, Git flow, Jenkins, Azure DevOps, pnpm, docker, kubernetes, Terraform
Project management:	Jira, Trello, draw.io, PlantUML, Agile, Waterfall, Scrum, Spotify

Soft Skills:

- Project Management
- Business Writing
- Team Leadership
- Mentorship
- Strategic Planning
- Problem Solving
- Autonomy
- Self-Learning

EDUCATION

Masters in Electrical and Electronics Engineering • Lebanese University, Lebanon 2017

HOBBIES AND INTERESTS

- Mission Leader at the Lebanese Red Cross as a Volunteer for Emergency Medical Services 2014-2022
- Reading
- Hiking
- Camping
- Tennis