

Omar Al Arja

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Professional Summary

Experienced Software Engineer specializing in backend development with a strong track record of designing, implementing, and managing scalable web-based and mobile solutions. Founder of Arkonne Tech Solutions, where I led the development of over six high-value projects collectively worth more than \$50,000 for clients in Canada (Calgary), Lebanon, and Africa (Liberia), overseeing cloud hosting solutions and backend architectures. Skilled in leading and coordinating a team of eight developers, driving efficient project execution and client satisfaction. Specializing in Laravel with additional experience in Django and NestJS, I have a deep understanding of backend architecture, database management, and cloud services such as AWS EC2, RDS, VPC, and S3.

Professional Experience

Lead Software Engineer - Arkonne Tech Solutions, Canada & Lebanon (Hybrid)

January 2023 - Present

- Founded Arkonne Tech Solutions, expanding it into a high-performing team of eight developers and successfully managing the company's growth through strategic planning and execution.
- Led backend development for production-grade web and mobile applications, including scalable e-commerce platforms, ERP systems, and custom software solutions, using frameworks like Laravel, integrated with databases such as PostgreSQL, MySQL, and Microsoft SQL Server.
- Architected and implemented backend systems following clean architecture principles, ensuring scalability, maintainability, and security for applications serving sizable user bases.
- Directed end-to-end project lifecycles, from client acquisition and requirements analysis to technical design and deployment, delivering solutions that adhered to deadlines and budgets.
- Optimized cloud deployments for performance, cost-efficiency, and security by leveraging AWS services (Auto Scaling, EC2, S3, VPC, RDS), with experience in implementing microservices to enhance system functionality.
- Delivered over six projects collectively valued at \$50,000 for clients across Canada, Lebanon, and Liberia, overseeing technical implementation and client relations to ensure satisfaction.
- Improved client satisfaction through effective communication, translating business needs into technical solutions, and delivering high-quality, scalable software solutions.
- Established streamlined project management workflows using Jira, GitHub, and Confluence, enhancing collaboration, documentation, and code quality across teams.
- Demonstrated ownership by driving projects from concept to production, balancing trade-offs in simplicity, performance, and scalability to deliver robust, client-focused software solutions.

Full Stack Engineer - GO.MEDIA KG, Netherlands (Remote)

December 2023 - January 2025

- Led backend improvements to enhance system performance and scalability.
- Collaborated with senior team members to design and implement the architecture for an MVP asset management system using NestJS, Angular, and PostgreSQL.
- Engaged in all phases of development, including planning, coding, testing, and deployment, contributing to the project's success.

IT Helpdesk - Fadi Fruits, Lebanon

March 2022 - June 2023

- Guided the design and launch of Fadi Fruits' Shopify website, including overseeing data migration and domain control, managing employee onboarding, and providing hardware-related technical support.

Skills

- **Programming (and Scripting) Languages** // Python, Java, HTML, CSS, JavaScript, TypeScript, PHP, Dart, and SQL
- **Database Management Systems** // PostgreSQL, MySQL, Microsoft SQL Server, MongoDB and Firebase
- **Frameworks and Libraries** // Laravel, Django, NestJS, Node.js, Express, React, Flutter, Ionic, Angular, Tailwind CSS and Bootstrap 5
- **Tools and Cloud Services** // GitHub, Jira, Postman, Figma, and AWS (EC2, RDS and S3)
- **Concepts** // Backend Architecture, Microservices, Clean Architecture, Event Sourcing, Security Best Practices, Theory (OOP, Design Patterns, Complexity Analysis, Data Structures and Algorithms)

Training & Certifications

Full-Stack Web Development Bootcamp - SE Factory, Lebanon

July 2023 - October 2023

- Completed an intensive full-stack web development program covering cloud architecture, front- and back-end development, version control, and web application security over 13 weeks of lectures, workshops, and projects.
- Implemented a project "InvestorConnect", an app that simplifies connections between investors and startups, by utilizing a Tinder-like matchmaking approach and AI-driven profiling for efficient networking and investment opportunities using the following:
 - Flutter, Angular (Frontend), Laravel (Backend), MySQL (Database), Firebase, OpenAI, AWS.

[\[GitHub Link\]](#)

Cisco Network Security Certificate - Cisco

February 2023 - June 2023

- Developed foundational expertise in network security, covering firewall administration, intrusion detection systems, and strategies for countering cybersecurity threats.

Cisco Certified Network Associate 2 (CCNA2) Certificate - Cisco

February 2023 - June 2023

- Gained a wide range of networking skills, including administration, routing, switching, and advanced troubleshooting.

Education

Languages

Arabic (Native); English (Fluent)