

# Nadim Ouertani

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Dubai, UAE

## Summary

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- Accomplished **Software Architect** and **Team Leader** with over **7 years of experience** delivering cutting-edge engineering solutions.
  - Proven expertise in **microservices architecture**, **e-commerce platforms**, and **communication systems**, with a strong background in both backend and frontend development.
  - Skilled in refactoring legacy systems, applying **SOLID principles**, and implementing best practices for scalable, maintainable codebases.
  - Demonstrated success in leading cross-functional teams of up to **12 developers** across diverse international projects.
  - Adept at **Agile methodologies**, **TDD/BDD**, and **system design**, with a strong focus on delivering high-quality software.
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## Experience

### Lead Software Engineer

Holding Company • UAE, Dubai

11/2021 - Present

- Refactored and optimized existing codebases for scalability and performance.
- Integrated multiple third-party APIs and improved system reliability through comprehensive **unit and integration testing**.

### Senior Software Engineer

French E-commerce TOPTAP • Dubai, UAE

05/2024 - 09/2024

- Single-handedly developed a complete **e-commerce platform** in just three months.
- Delivered a robust, user-friendly platform using the latest technologies, ensuring high performance and scalability.

### Lead Software Engineer

Military Contractor (via Software Engineering Company) • Uk

05/2023 - 08/2024

- Led a team of **12 developers** to design and implement a private meeting and communication platform similar to Zoom, leveraging **Laravel (backend)** and **Livewire (frontend)**.
- Transitioned an 8-year-old **monolithic system** to a **microservices architecture**, significantly improving scalability and maintainability.
- Established a robust **TDD approach** and implemented **SOLID principles**, reducing feature development time and enhancing system reliability.
- Delivered a seamless **real-time communication system** using **Node.js** and **Vue.js** for enhanced performance and scalability.

### Lead Software Engineer

Italian Company (Confidential) • Dubai, UAE

05/2023 - 05/2024

- Directed a team of **5 engineers** to develop a consent banner automation platform for European websites.
- Built a scalable solution using **AWS DynamoDB** and **Python**, ensuring compliance with European data protection regulations.
- Designed and optimized backend services for high performance and reliability.

## Senior Software Engineer

Lebskom (E-commerce) • Dubai, UAE

01/2022 - 12/2022

- Led the development of a **web and mobile e-commerce platform** from the ground up.
- Architected the platform using modern best practices, ensuring scalability and maintainability.
- Collaborated closely with stakeholders to define and deliver key features within tight timelines.

## PHP Developer

Media & Marketing Agency • Dubai, UAE

07/2019 - 01/2021

- Developed a **multi-vendor e-commerce platform** with integrated payment gateways and third-party services.
- Implemented REST APIs and ensured code quality through **TDD/BDD practices**.

## Full-Stack PHP Developer

Government Entity • Fujairah, UAE

01/2020 - 08/2020

- Designed and developed a **CRM system** and a **CMS website** using **LAMP Stack**.
- Built a RESTful API for seamless integration with **Flutter**-based applications.

## Junior Developer

Software Solution Company • Tunis, Tunisia

01/2017 - 01/2019

- Contributed to the development of custom PHP applications for accounting and finance.
- Refactored e-commerce platforms, reducing page load times by 45%.

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## Skills

PHP, Node.js, Python, SQL, JavaScript, Livewire, Laravel, Vue.js, DynamoDB, Docker, AWS, MySQL, PostgreSQL, DynamoDB, TDD, BDD, Agile (Scrum), Microservices Architecture, Google Cloud, Digital Ocean

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## Education

### Bachelor's Degree in Computer Science

Faculté des Sciences Économiques et de Gestion • Tunis, Tunisia

06/2019

Full-Stack Nano Degree

01/2017

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## Languages

English, French, Arabic

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## Certificates

Agile Development and Scrum Foundations, Agile Development and Scrum Fundamentals

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## Awards

Certificate of Appreciation for Exceptional Contributions, Best Innovative Director