Syrine Aouali

Software Engineer

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PROFILE

Full-stack Software Engineer experienced in Symfony, React, Angular, and Spring Boot. Skilled in building scalable web apps, integrating payment systems (Adyen), and optimizing performance. Strong background in e-commerce, distributed systems, and API integrations, with solid knowledge of algorithms, data structures, and databases.

PROJECTS

Bureau Vallée E-Commerce Module
- Designed & implemented a **headless architecture** for a school-list module, improving performance & scalability.
- Integrated **Adyen payment system** into Magento & React frontend.
- Keywords: Magento, PHP, React, Redux, GraphQL, MySQL, AWS S3, Docker.

ChatApp – Real-Time Communication
- Built a **real-time chat platform** with multiple authenticated users using **WebSockets**.
- Technologies: ReactJS, Node.js, MongoDB.

E-Learning Platform
- Developed an application offering courses with **auto-generated certificates** after test completion.
- Stack: Spring Boot, Angular, Microservices, MySQL, PostgreSQL.

Sarbini
- Built a restaurant discovery & ordering web app.
- Stack: Angular, TypeScript, PHP, MySQL.

Customer Segmentation (Data Project)
- Collected & cleaned customer data, segmented customers with Python.

SKILLS

Languages:
Java, Kotlin, JavaScript, TypeScript, PHP, C, C#, HTML, CSS

Tools & Systems:
Git/GitHub, Docker, Linux, Windows, AWS (S3)

Frameworks:
Symfony, Spring Boot, React, Angular, Next.js, ASP.NET Core, Node.js, Express

Other:
REST APIs, GraphQL, Agile/Scrum

Databases:
MySQL, PostgreSQL, MongoDB

PROFESSIONAL EXPERIENCE

Symfony & ReactJS Developer
Keytchens
11/2024 – Present
Tunis, Tunisia
- Developed and deployed new features integrating restaurants with delivery platforms.
- Contributed to **software architecture design & technical decision-making**.
- Improved code quality via reviews & continuous improvement.

E-Commerce Developer
DECADE
02/2024 – 06/2024
Sousse, Tunisia
- Designed headless architecture for Bureau Vallée module (see projects).
- Participated in **Agile Scrum**: sprint planning, reviews, retrospectives.

- Ensured code quality (SonarLint) & SEO optimization.

Infrastructure Intern   07/2022 – 08/2022
Orange   Sousse, Tunisia
- Learned data center architecture, handled infrastructure maintenance.

Web Developer Intern   Sousse, Tunisia
IT GATE GROUP
- Developed stock management & e-commerce applications.
- Stack: Spring Boot, Angular, MySQL.

EDUCATION

National Engineering Degree in Computer Science   09/2021 – 06/2024
National School of Engineers in Sousse (ENISo)   Sousse, Tunisia
- Completed a **comprehensive engineering curriculum** with a focus on **software engineering, distributed systems, and intelligent applications**.
- Developed expertise in **data structures & algorithms, distributed databases, object-oriented programming, and mobile/web systems development**.
- Gained solid experience in **parallel & event-driven programming, ASP .NET Core, Spring Boot, and Symfony frameworks**.
- Explored **Big Data and Artificial Intelligence**, applying advanced techniques to real-world scenarios.
- Strengthened teamwork, leadership, and **problem-solving abilities** through collaborative projects and applied research.

Engineering Preparatory Cycle   09/2019 – 07/2021
Monastir Preparatory Engineering Institute (IPEIM)   Monastir, Tuunisia
- Completed a **rigorous two-year program** in Mathematics, Physics, and Computer Science, focused on problem-solving and analytical reasoning.
- Gained a solid foundation in **advanced mathematics, mechanics, and algorithmic thinking**.
- Developed strong skills in **Python programming, scientific reasoning, and quantitative analysis**.
- Prepared for national competitive entrance exams to engineering schools, emphasizing **discipline, resilience, and high-level technical training**.

CERTIFICATES

Angular Essential Training — LinkedIn

Learning Next.js — LinkedIn

React – The Complete Guide (Redux, Router, Hooks) — Udemy

Angular 16: From Zero to Hero — Udemy

Introduction to Containers with Podman — RedHat

Symfony 6 Essential Training — LinkedIn Pulse

Symfony 6 Framework — Udemy

LANGUAGES

Arabic (Native), **French** (Fluent), **English** (Proficient)