



Sirine Zanina

Full-stack software developer

I am a fresh graduate in **Computer Science**, based in Sousse, Tunisia. Throughout my academic journey, I have gained extensive experience in full-stack development, working on various projects that have honed my skills in front and backend technologies. I am eager to start my career and am currently seeking opportunities for an **alternation program**.

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EXPERIENCE

Full-stack Web Developer · 02/2024 – 05/2024 (4 mos)

Leoni - Sousse, Tunisia · End-of-studies Internship · Hybrid

- Set up **advanced API endpoints** with optimized database queries and schema validation, enhancing performance and reliability.
- Designed a **UI/UX prototype**, enhancing user experience and interface design consistency.
- Created **reusable frontend pages and components** that ensured **end-to-end type safety**, **graceful error handling**, and **efficient caching**.
- Implemented **Spring Security 3** using **JWT** for authentication and authorization, utilizing **role-based access control**.
- Created a **CI/CD pipeline** to automate testing and deployment processes, increasing efficiency and reducing manual errors.
- Deployed on **AWS** using **Docker**, ensuring scalable and reliable application infrastructure.

Tech: Spring boot 3 · Spring Security 3 · Spring Data JPA · JDBC · Angular 16 · TypeScript · Bootstrap 5 · PostgreSQL · Figma · Docker

EDUCATION

Licence in Computer Science · 2021 – 2024

Higher Institute of Computer and Communication Technologies

Baccalaureate mathematics · 2020 – 2021

Ibnu Sina Highschool, Msaken

TECH STACK

- Full-stack:** Spring boot 3, Spring Data JPA, Spring Security, Angular 16/17, Bootstrap 5, Tailwind CSS, Next.js, React, React Hook Forms, Node.js, Express.js, React Query, Axios, Radix UI, Shadcn UI, MySQL, PostgreSQL, MongoDB, Mongoose, Figma.
- DevOps:** Docker, Kubernetes, Jenkins, AWS, Vercel.
- Basics:** Java 21, PHP 8, Python, TypeScript, JavaScript, CSS, HTML, Git.
- Concepts:** Performance Optimization, UML Modeling, Queries & Caching, Error Handling, Software Architecture, UX/UI Design, SEO.

CERTIFICATIONS

Introduction to Natural Language Processing in Python

Datacamp · June 2024

PROJECTS

E-Commerce Dashboard & CMS · 11/2023

[Source](#)

- Admin Dashboard exposing statistics such as total revenue, sales, and products in stock.
- Authentication, seamless navigation & filtering, and cart management.

Tech: Spring boot · Angular · Bootstrap · Docker

Dashboard Admin · 09/2023

[Source](#)

- A dashboard application to visualize customer, product and transaction data.
- Interactive graphs that display the number of sales by category and provide a comprehensive view of the overall profit.

Tech: Material UI · Nivo Charts · React · Redux Toolkit Query · Node.js · Express.js · MongoDB · mongoose

techNotes · 08/2023

[Source](#)

- Implemented JWT for user authentication and authorization, ensuring role-based access control, and session persistence on refresh.
- Developed administrative features to manage users and notes, with appropriate role-based permissions.

Tech: React · Redux Toolkit Query · Node.js · Express.js · MongoDB · mongoose

Library CMS · 05/2023

[Source](#)

- Developed a desktop application to manage library processes, including book collection management, loan and return tracking, and book search and reservation functionalities.

Tech: Java 21 · Java Swing · JDBC · MySQL

LANGUAGES

English



Arabic



French



HOBBIES

Reading

Singing

Journaling

Working out