

Sarra Dekhili

Software architecture engineering student

I am a 25-year-old Software Architecture Engineering student with a strong passion for crafting scalable and efficient software solutions. I am eager to gain hands-on experience in the field of software engineering, aiming to make a substantial contribution to a dynamic environment.



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EDUCATION

Software architecture engineering

ESPRIT - Ecole Supérieure Privée d'Ingénierie et de Technologies

09/2017 - Present

Bachelor of Science degrees

High school Beach Road Soliman

09/2014 - 06/2017

ACADEMIC PROJECTS

DevOps CI/CD (10/2021 - 11/2021)

- Implementing automated tests across diverse layers of the application to ensure the highest code quality..
- Comprehensive utilization of SonarQube for thorough static code analysis, pinpointing vulnerabilities, and identifying areas for enhancement.
- Implementation of resilient deployment and version control strategies to ensure a dependable distribution of the application.
- Advanced configuration of the Jenkins pipeline for efficient continuous integration and extensive automation of build, test, and deployment processes.

PROFESSIONAL EXPERIENCE

Applications Full-Stack Spring Boot/React OGA

03/2022 - 09/2022

Tasks

- Development of the overall architecture of the application.
- Implementation of robust security measures using Spring Security, integrating JSON Web Tokens (JWT) for authentication, and employing refresh tokens to enhance security.
- Integration of WebSocket functionalities to facilitate bidirectional real-time communication between the server and the client.
- Implementing global state management with Redux, augmented by the utilization of the redux-thunk middleware to handle asynchronous operations. This facilitates the seamless integration of features, including asynchronous API calls.

SKILLS

Data base : SQL (MySQL, Oracle, Microsoft SQL Server), NoSQL (MongoDB)

Programming languages : Java, C++, C#, PHP, JavaScript.

Web development : HTML, CSS.

Framework and library : Spring , Symfony, ASP.NET, React., Angular.

Architectures and protocols : API REST

Development Environment : Spring Tool Suite (STS), Microsoft Visual Studio, PHP Storm, Eclipse, Android Studio

Testing and Code Quality : JUnit , SonarQube

Build and Deployment Tools :Maven, Jenkins

Virtualization and Containerization : Docker

Version Control Systems : Git, SVN.

Software Design : UML

Development Methodologies : Agile, Scrum.

LANGUAGES

Arabe

Native language

French

B2 level

English

B2 level

German

A1 level

INTERESTS

Listening to music

Programming

cooking