

Seif Derbali

Junior Software Engineer

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Professional Summary

Junior Software Engineer with 2 years of hands-on experience developing scalable web applications using Java, Spring Boot, and Angular in a microservices environment. Strong focus on CI/CD, RESTful API development, and database design using both SQL and NoSQL systems. Proven ability to contribute across the full software development lifecycle.

Professional Experience

Makehitec

08/2023 - 04/2025

- Developed a full-featured educational platform using Spring Boot and Angular within a microservices architecture, ensuring modularity and scalability.
- Implemented course and lesson creation modules, empowering instructors to publish interactive content.
- Automated exam grading and certificate generation, reducing administrative effort and improving student experience.
- Delivered a responsive and maintainable solution used by hundreds of users.
- **Technologies** : Java | Spring Boot | Angular | PostgreSQL | MongoDB

BIAT BANK (INTERN)

02/2023 - 08/2023

- Engineered a business management application to handle user profiles, budgets, and contracts, streamlining internal processes.
- Built secure, role-based meeting and communication modules to improve transparency across departments.
- Collaborated with DevOps teams to enhance CI/CD practices and deployment efficiency.
- **Technologies** : Java | Spring Boot | Angular | MySQL | DevOps

ESPRIT (INTERN)

06/2022 - 08/2022

- Built a university platform connecting students and administration for seamless communication.
- Developed a PDF generation system that automated official document creation, reducing processing time.
- **Technologies** : Java | Spring Boot | Angular | Oracle

IMAGO DESIGN (INTERN)

07/2021 - 08/2021

- Designed a task tracking web app to digitize production workflows, increasing operational transparency.
- Integrated audit logging for traceability during manufacturing processes.
- **Technologies** : Java | Spring Boot | Angular | MySQL

IMAGO DESIGN (INTERN)

08/2020 - 09/2020

- Developed a restaurant sales management system with a clean UI for order handling and revenue tracking.
- Enhanced user experience with responsive frontend using Bootstrap.
- **Technologies:** HTML | CSS | PHP | JavaScript | Bootstrap | MySQL

Projects

Devops-CI/CD

- Automated the continuous integration and deployment pipeline for a Spring Boot/Angular application.
- Configured Jenkins for build automation and SonarQube for code quality analysis.
- Deployed applications using Docker and Nexus, with monitoring through Grafana and Prometheus.
- **Technologies :** Jenkins | Git | JUnit | Maven | SonarQube | Docker | Nexus | Grafana | Prometheus

WellBeing At Work

- Developed a web application to promote employee well-being and optimize workplace conditions.
- Integrated features to reduce stress, absenteeism, and improve employee motivation.
- **Technologies :** Java | Spring Boot | Angular | Datamining | MySQL

PetsCare

- Built a mobile application for managing pet care activities.
- Included features for tracking food, water intake, walks, and vet appointments.
- **Technologies :** Java | Android Studio | Room Database

Skills

- **Programming Languages :** Java, C#, JavaScript, TypeScript, C + +, C, HTML, CSS
- **Frameworks/Technologies :** Spring Boot, Angular, ASP.NET, Symfony, JavaFX, JavaEE
- **Databases :** MySQL, PostgreSQL, MongoDB, Oracle, Room Database, PL/SQL
- **DevOps Tools :** Jenkins, Docker, Nexus, SonarQube, Grafana, Prometheus
- **Others :** Git, GitLab, Jira, Trello, Postman, Swagger, Maven, JUnit

Education

ESPRIT (Private Higher School of Engineering and Technologies)

9/2018 - 11/2023

- Software Architecture Engineering Degree

Languages

- **English :** Fluent
- **French :** Proficient
- **Arabic :** Native