

Bader Eddine Ben-Lhachemi

Software Engineer

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Profile

Software Engineer with 2+ years of experience building scalable backend systems, RESTful APIs, and enterprise applications. Proficient in Java, Spring Boot, and microservices architecture with hands-on experience in systems integration, application modernization, and CI/CD pipelines. Adept at delivering full-stack solutions using React and Angular within Agile/Scrum environments.

Education

Moroccan School of Engineering Sciences (EMSI) 2020-2023 / Rabat
Computer and Network Engineering Degree, MIAGE specialization

ISMONTIC 2018-2020 / Tangier
Specialized Technician in Networking and Systems

Professional Experience

ONCF Group 07/2024 - Present / Rabat
Software Engineer / Information Systems Designer

- Designed and developed JavaFX application integrated with Spring Boot REST API to automate ticket tariff management, reducing manual processing time by 90%
- Integrated a new printer into the ticket counter project via a dedicated module, providing full status management, task traceability, and complete abstraction of brands and models
- Spearheaded migration of AngularJS ticket vending application to React, modernizing the codebase, eliminating technical debt, and improving long-term maintainability
- Integrated a payment terminal (TPE) with the point-of-sale system using TLV protocol for secure transaction processing and comprehensive audit logging

CGI Technologies and Solutions 03/2023 - 08/2023 / Rabat
Software Consultant (End-of-Study Internship)

- Developed and maintained EDI (Electronic Data Interchange) system for Michelin's S2S project using Agile methodology, participating in full SDLC from requirements gathering to production deployment
- Built RESTful APIs with Spring Boot, implemented unit tests with JUnit, and managed version control through GitLab CI/CD pipelines
- *Technologies:* Java, Spring Boot, REST API, Angular, JUnit, Postman, GitLab CI/CD, Jira, Agile/Scrum

Giantlink Technologies 07/2022 - 09/2022 / Rabat
Full-Stack Developer (Internship)

- Designed and implemented HR management system with modules for employee warnings, site visits, and leave requests; built REST APIs with Spring Boot, responsive UI with Angular, and normalized MySQL schema, serving 100+ users
- *Technologies:* Java, Spring Boot, REST API, Angular, MySQL, Git, GitLab

Vision Business Consulting 07/2021 - 09/2021 / Casablanca
Full-Stack Developer (Internship)

- Developed student enrollment and tutor assignment modules for private school management system, streamlining administrative workflows
- *Technologies:* PHP, Laravel, Vue.js, JavaScript, MySQL

Skills

Backend Development: Java, Spring Boot, Spring Cloud, Microservices, REST API, JavaFX
Frontend Development: React, Angular, JavaScript, TypeScript
Databases & Tools: Microsoft SQL Server, PostgreSQL, MySQL, Firebase
DevOps & Tools: Git, GitLab CI/CD, Jira, Postman, JUnit, Maven, Agile/Scrum
Languages: Arabic (Native), English (Fluent), French (Professional)