

Ben Fatma Imed

Software Engineer | Java & Next.js Developer

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PROFESSIONAL SUMMARY

Results-driven Software Engineer specializing in Java/Spring Boot and Next.js. Experienced in designing scalable web applications and utilizing AI-assisted tools to optimize performance and accelerate delivery in collaborative, distributed teams.

PROFESSIONAL EXPERIENCE

Apeiron AI

Software Engineer

Aug. 2025 – Present

Sousse, Tunisia

- Designed and integrated semantic analysis systems utilizing Large Language Models (**LLMs**).
- Architected and developed complex software solutions focused on scaling data and smart mobility pipelines.
- Digitized and optimized business processes via custom Next.js and backend integrations.
- Analyzed system performances and optimized database structures, achieving a **20%** API latency reduction.

Apeiron Technologies

Software Engineer Intern

Feb. 2025 – May 2025

Sousse, Tunisia

- Analyzed and designed secure, production-ready backend architectures utilizing **Spring Boot**.
- Implemented relational database structures and built highly performant RESTful APIs.
- Leveraged AI-assisted programming tools to streamline clean code generation and optimize development lifecycles.
- Authored comprehensive technical documentation and system architecture specifications.

Com-and-Dev

Software Developer Intern

June 2024 – July 2024

Sousse, Tunisia

- Designed and developed a multi-user, full-stack business management application.
- Engineered robust, decoupled APIs to support seamless frontend-backend data flows.
- Created highly responsive UI layouts using modern web framework standards.

Terraform Tunisia

Software Engineer Intern

Feb. 2024 – Apr. 2024

Sousse, Tunisia

- Gathered user requirements and developed a centralized platform utilizing **Next.js** and **Spring Boot**.
- Modeled and optimized highly performant relational database schemas under **PostgreSQL**.
- Participated in collaborative technical reviews to ensure codebase scalability and clean code quality.

EDUCATION

EPI Digital School

National Engineering Degree in Computer Science

2022 – 2025

Sousse, Tunisia

ISET Kairouan

Bachelor's Degree in Automation and Industrial Computing

2019 – 2022

Kairouan, Tunisia

TECHNICAL SKILLS & ENGINEERING

Software Engineering : OOP, Design Patterns, Software Architecture, Clean Code, SOLID Principles

Languages & Frameworks : Java, Python, TypeScript, Spring Boot, Next.js, React, Angular, Linux

Databases & Infrastructure : PostgreSQL, MySQL, SQL Server, Docker, Jenkins, Git, UML Modeling, CI/CD

Methodologies & Tools : Agile, Scrum, Requirements Analysis, AI Development Assistants (GitHub Copilot, LLMs)

LANGUAGES

Arabic: Native | **English**: Professional Proficiency | **French**: Fluent