

Mohamed BELHAJHMIDA

+216 92 172 515 — belhajhmidamohamed@gmail.com — LinkedIn/mohamed-belhajhmida

Software and Data Engineer

Professional Experience

Lead Backend Developer (Freelance) — HR Project for a German Company (Feb. 2025 – Jul. 2025, Remote)

- Led technical direction and coordinated the backend team for the development of a human resources management platform.
- Designed the backend architecture ensuring system security, scalability, and performance.
- Supervised the integration of key features: time tracking and attendance management.
- *Technologies: Spring Boot, PostgreSQL, Docker, Git, JWT, Swagger.*

Fullstack Developer — Final Year Internship at Co Consult (Feb. 2025 – Jun. 2025, Sfax)

- Designed and implemented a SaaS application for quality monitoring and compliance according to ISO 9001 standards.
- Developed a microservices architecture to handle business processes and performance indicators.
- Built a real-time notification system using WebSocket and a customizable dashboard.
- Integrated an AI-powered recommendation engine to optimize quality decision-making.
- *Tech stack: Spring Boot, Microservices, Docker, Jenkins, Angular, Gemini AI, Git, Jira.*

BI Developer — Summer Internship at Spark IT Group (Jul. 2024 – Aug. 2024)

- Designed and developed an interactive dashboard to analyze employee performance across various KPIs.
- Built a complete ETL pipeline: data extraction, transformation, and loading of business data.
- Produced dynamic Power BI reports including management of regular hours, overtime, and leaves.
- *Tools: SSIS, SQL Server Management Studio, Power BI, SQL.*

Fullstack Developer — End-of-Year Internship at International Institute of Technology (Apr. 2024 – Jun. 2024)

- Developed a web platform to automate internship requests and manage user permissions.
- Implemented secure authentication mechanisms (JWT, OAuth2) and automated user notifications.
- *Tech environment: ASP.NET Core API, Angular, Firebase, Swagger, MailKit, Git.*

Web Developer — Final Year (Bachelor) Internship at PERFAXIS (Feb. 2022 – May 2022)

- Designed and developed an application for managing training sessions and trainer monitoring.
- Managed the complete training process, session scheduling, and attendance tracking.
- *Technologies: ASP.NET Core MVC, SQL Server.*

Education

National Engineering Degree in Computer Science

International Institute of Technology, Sfax 2022 – 2025

Bachelor's Degree in Management Information Systems

Faculty of Economics and Management of Sfax 2019 – 2022

Certifications

IBM Big Data Engineer (2025) — ISTQB CTFL (2024) — AI Specialist Certiport (2024) — CCNA Network Foundation (2023)

Technical Skills

- **Frameworks & Programming Languages:** Spring Boot, Java, Angular, Vue.js, ASP.NET Core, JS/TS, PHP
- **CI/CD Tools:** Git, Docker, Docker Compose
- **Business Intelligence / Data Science:** Machine Learning, Data Mining, NumPy, Scikit-learn, SSIS, Power BI

Languages

French: Fluent English: Intermediate Arabic: Native