

HAYTHAM BRAHEM

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Cité El Ghazala 2, Raoued, Ariana: 2083, Tunisia

PROFESSIONAL PROFILE

Software Engineer and DevOps focused on delivering scalable enterprise solutions. Proven track record in designing secure, high-performance systems for banking and public-sector clients. Adept at bridging technical excellence with business needs through:

Enterprise Integration: Payment gateways, ERP systems, and legacy modernization.

Full-Cycle Development: Agile-driven projects from concept to cloud deployment.

Cross-Functional Collaboration: Aligning with stakeholders to meet compliance and scalability goals.

EXPERIENCE

• BNA, (Banque Nationale Agricole)

February 2025 - Present

Software Engineering Intern

Avenue Mohamed V Bab Bhar 1002 Tunis

- Developed a full-stack legal case management platform using Spring Boot (Java 17) and Angular 17.
- Implemented modules: Dossier, Suivi, Garanties, Nantissements, Cautions, Patrimoine, Prestataire, Mission, Assignations.
- Integrated role-based workflow with validation circuits.
- Built a dynamic dashboard with KPI tracking and mission assignment logic.

• SNDP, AGIL Energy

July 2024 - September 2024

Engineering Internship

Cité Olympique, Tunis

- Developed a web application for managing lubricant distributors using Spring and Angular.
- Implemented JWT for secure authentication.
- Utilized MySQL and Swagger for efficient data management and API testing.
- Applied Scrum methodology to ensure timely project delivery.

• Esprit University

July 2023 - August 2023

Web Development Intern

Remote

- Built an international mobility application with Spring and Angular to improve travel management.
- Secured user authentication with JWT and optimized user management features.
- Leveraged MySQL, Postman, and Swagger for data management and API testing.

PROJECTS

• DevOps Solution for Automating CI/CD Pipelines

Tools: Jenkins, Docker, Maven, Nexus, SonarQube, Trivy, Slack, GitHub, Kubernetes

DevOps Project [[G](#)]

- Used Docker and Kubernetes to manage containers and ensure application orchestration.
- Integrated SonarQube for static code analysis and Trivy for Docker image security.
- Automated deployment on Nexus, optimizing artifact management and secure distribution.

• ERP Solution for Integrated Resource Management

Tools: Spring Boot, Angular, Java, TypeScript, IntelliJ IDEA, Visual Studio Code, GitHub

TechOps Project [[G](#)]

- Designed and developed an ERP solution using Spring Boot and Angular for resource management.
- Used Java and TypeScript to optimize resource management processes.
- Applied Agile methodology and version control via GitHub, ensuring continuous delivery and effective collaboration.

• TunEvent: Application for Managing Local and International Events

Tools: Java, PHP, Symfony, NetBeans, Visual Studio Code, SceneBuilder, GitHub

TunEvent Project [[G](#)]

- Initially developed in Java and converted to Symfony through reverse engineering.
- Implemented PHP features for managing local events.
- Created an intuitive user interface using SceneBuilder.

EDUCATION

• ESPRIT – Private School of Engineering and Technologies

Engineering Degree in Computer Science

September 2022 - December 2025

2083 - Technological Pole - El Ghazala, Tunisia

SKILLS

- **Programming Languages:** Java, TypeScript, PHP, Python, JavaScript
- **Web Technologies:** Spring Boot, Angular, React, HTML5, CSS , JS
- **Database Systems:** MySQL, PostgreSQL, MongoDB, Oracle
- **Cloud Technologies:** AWS, Azure, Google Cloud Platform
- **DevOps Version Control:** Jenkins, Docker, Kubernetes, Git, GitHub, Nexus, Maven, SonarQube, Trivy

CERTIFICATIONS

- **Specialization: Java FullStack Developer**
- **Deploying Containers with Azure Kubernetes Service (AKS)**
- **Docker Essentials: A Developer Introduction**
- **Advanced Scrum Master Certification**

ADDITIONAL INFORMATION

Languages: Arabic (Native), French (B2), English (B2)

Interests: Fitness, Basketball, Chess