HADIL DERBALI

Software Engineering Student

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Skills

- **Programming Languages:** Java, C, C#, Python, PL/SQL, Assembly, TypeScript
- **Technologies and Tools:** Spring Boot, Angular, Symfony, Flutter, Jenkins, Docker, Maven, Git, SonarQube, .NET, Vagrant, JUnit, Mockito, Jacoco, Maven Nexus, Jira, Xray, Agile, Scrum
- **Languages:** English (Upper Intermediate), French (Upper Intermediate), Arabic (Native)

Education

ESPRIT, Tunis   *Expected June 2025*
5th Year in Software Engineering

Faculty of Sciences of Bizerte, Bizerte   *June 2021*
Bachelor's Degree in Fundamental Chemistry

Neber High School   *June 2018*
Baccalaureate in Experimental Sciences

Professional Experience

Intern Software Engineer
AIM-IT Consult — Tunisia, Menzah 5   *July 2024 - September 2024*

- Developed a ticket tracking platform using Spring and Angular, improving productivity for AIM-IT Consult.
- Integrated parameterized email notifications, change logs, and estimation charts for workload management.
- Enhanced team efficiency by 30% through effective design and execution.

Intern in Telecommunications
Tunisie Telecom — Tunisia, Kef   *June 2023 - July 2023*

- Optimized network architecture, resulting in a 20% improvement in system performance.
- Collaborated with the team to enhance service reliability and minimize connectivity issues.

Projects

DevOps Project: DanceScape Platform
Technologies: Jenkins, Docker, Maven, Git, SonarQube   *September 2024 - Current*

- Developed CI/CD pipelines for automated deployment, reducing deployment time by 40% and integrated SonarQube for code quality.
- Executed Docker for containerization, improving scalability and environment consistency across the project.

Security Architecture and Testing Project
Technologies: Wireshark, Webgoat, Pfsense, Snort, OpenVPN   *January 2024 - March 2024*

- Designed a secure architecture using Pfsense and OpenVPN to safeguard data traffic and conducted penetration tests to identify vulnerabilities.
- Configured Snort IDS for real-time alerting on potential security breaches.

Spring & Angular Development Project: Candidate Bal
Technologies: Spring Boot, Angular, Flutter   *January 2024 - May 2024*

- Created a centralized dance platform with enhanced security.
- Applied a mobile UI/UX with Flutter, improving user engagement and accessibility.
- Promoted Good Health and Well-being (SDG 3) through physical activity and supported Decent Work and Economic Growth (SDG 8) with dancer recruitment features.

Java & Symfony Development Project
Technologies: Java, Symfony   *September 2023 - December 2023*

- Created a responsive web platform for recycling and purchasing recycled products with a streamlined user interface.
- Enforced payment integration for smooth transaction processing.