

MOHAMED HABIB DHAOUADI

Software Engineering Graduate

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SUMMARY

Computer engineering graduate from ESPRIT, specialized in software engineering. I gained hands-on experience through internships and academic projects in web, mobile, and DevOps development. I am seeking a full-time position to apply my technical skills to innovative projects.

TECHNICAL SKILLS

Programming Languages and Libraries : PHP, Symfony, C, Java, Spring Boot, Angular, HTML5, CSS3, Python, .NET

DevOps and CI/CD Tools : Docker, Jenkins, SonarQube, CI/CD Pipelines, Kubernetes, JMeter, Git, GitHub, GitLab

Analysis, Design and Databases : UML, MySQL, SQLite, MongoDB

Development Processes and Project Management : Agile, Scrum

Tools and IDEs : StarUML, Visual Studio Code, IntelliJ IDEA, NetBeans

Certificates : LaTeX, Arduino, CCNA

Interests : Sports, Travel

LANGUAGES

Arabic (native) | French (B2) | English (B2)

WORK EXPERIENCE

Full-Stack Developer Intern, Innovative Solutions

Feb 2024 - Aug 2024

SHIFT Tunis, Tunisia

During this internship, I designed and developed a versatile integrated web platform for managing appointments, users, and services, using an agile Scrum-based methodology. This project included:

- User management, including registration, login, password reset, and profile update, with a secure Spring Boot backend.
- An intuitive Angular web interface, paired with a Flutter mobile app, for multi-device accessibility and an optimal user experience.
- Advanced features for appointment and schedule management, including interactive calendars and automated email/SMS notifications.
- A complaint management system for effective communication with users.
- A modern DevOps architecture, with Docker containerization and Kubernetes orchestration, for fast deployment and high availability.
- Integration of SonarQube for code quality assurance, comprehensive unit testing, and performance testing with JMeter, ensuring system reliability and robustness.
- **Keywords:** Spring Boot, Angular, Flutter, Docker, Kubernetes, SonarQube, JMeter, Scrum.

Web Developer Intern

Jun 2023 - Jul 2023

SHIFT Tunis, Tunisia

- Designed and developed a web application to optimize the quality of 4G network services.
- **Keywords:** Spring Boot, Angular

Web Developer Intern

Jul 2022 - Aug 2022

Continuous-Net Sousse, Tunisia

- Contributed to digital health solutions for accessible care and optimal management of medical data.
- **Keywords:** Angular

ACADEMIC PROJECTS

Ski Station

Sep 2023 - Oct 2023

DevOps Project

- Automated the software quality control process by creating a continuous delivery pipeline with Jenkins as the CI/CD tool.
- Used Git as version control to run the Jenkins pipeline.
- Built a Spring Boot application and containerized it with Docker.
- Performed unit and integration tests, and used SonarQube for static analysis.
- Monitored software quality indicators and metrics with Grafana.
- **Keywords:** Spring Boot, Jenkins, JUnit, SonarQube, Docker, Grafana, Git

Real Estate Project

Jan 2023 - May 2023

Web Application

- Designed and developed an application to facilitate real estate purchasing decisions: centralizing offers, analyzing, and forecasting prices by area, time, and location.
- **Keywords:** Spring Boot, Angular, Git

WeProvide Project

Feb 2022 - May 2022

Web, Desktop and Mobile Application

- Designed and developed a complete application offering information on Rentals, Sales, Business Services, and Catering.
- **Keywords:** Java, Codename One, Symfony, MySQL, Git

Obstacle Avoidance Robot

Jan 2021 - Apr 2021

Robotics Project

- Designed an integrated obstacle avoidance system to ensure autonomous and safe navigation.
- **Keywords:** C++, Arduino Board

EDUCATION

Computer Engineering — *Software Engineering*

2021 - 2024

ESPRIT – Private Higher School of Engineering and Technology

Ariana, Tunisia

Bachelor's Degree in Computer Electronics

2021

Issat Kasserine

Kasserine, Tunisia

High School Diploma in Computer Science

2017

Sbeitla High School

Sbeitla, Tunisia