Mariem Abdelhak

Full-Stack Developer · Python · Symfony · Docker · Master's Software Engineering

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PROFESSIONAL PROFILE

Motivated and detail-oriented full-stack developer pursuing a **Master's in Software Engineering and Rapid Application Development** at ISET Sousse, currently employed at OneClick since April 2026. Skilled in designing, developing, and deploying web and desktop applications using **Symfony, WinDev, Spring Boot, and Python**. Hands-on experience with **Docker containerisation**, cloud database migration (Aiven MySQL), and CI/CD pipelines via GitHub. Cross-disciplinary background spanning industrial automation, IT support, and software development. Motivated, rigorous, and open to remote and international opportunities.

WORK EXPERIENCE

Full-Stack Software Developer

April 2026 - Present

OneClick · Al Munastir, Tunisia

- Develop desktop and web applications using WinDev and WebDev for business clients.
- Design relational database schemas and optimise SQL queries for performance.
- Apply security best practices: input validation, role-based access control, and authentication.
- Participate in agile sprints, code reviews, and technical documentation.
- Translate client requirements into technical specifications and functional prototypes.

Technical Support Technician (SAV)

May 2025 - March 2026

Takiacademy · Sousse, Tunisia

- Diagnosed and resolved hardware, software, and network issues for end-users.
- Performed installation, configuration, and updates of applications and systems.
- Delivered remote preventive and corrective maintenance; trained users on IT tools.

Process Technician

August 2023 - March 2025

Rosenberger · Enfidha Industrial Zone

- Developed automated camera inspection systems for production line quality control.
- Managed equipment parameters during product changes and new product introductions.
- Reduced line downtime through optimised maintenance processes.
- Conducted MSA (Measurement System Analysis) on industrial test equipment.

Final-Year Intern - Web Application Development & Deployment

January - June 2023

Dot-IT · Sousse, Tunisia

- Built a sports ground reservation platform using **Symfony 5.4 / PHP 8.2** with routing, authentication, and data access via **Doctrine ORM**.
- Containerised the application with **Docker** (PHP 8.2 + Apache image); configured Apache to serve from public/ and route all requests through Symfony.
- Migrated the local MySQL database to **Aiven Cloud MySQL 8.4** and configured the remote connection via DATABASE_URL.
- Deployed the Dockerised application on **Render** with environment variable configuration (APP_ENV, APP_SECRET, DATABASE_URL).
- Managed PHP dependencies with **Composer**, versioned the project via **Git/GitHub**, and set up auto-deployment from the main branch.

- Performed end-to-end post-deployment testing: page access, authentication, and remote database connectivity.

E-Commerce Web Developer
September - October 2022

Freelance · Remote

- Designed and developed a dynamic e-commerce site with real-time stock management.

PERSONAL PROJECTS

IT Asset Manager
2025

Personal Project · Odoo / Python

- Full IT asset lifecycle management system: procurement, assignment, maintenance, disposal.
- Custom Python modules, XML views, and automated workflows for status updates and alerts.
- Reporting dashboards for audit-ready inventory tracking.

Cybersecurity Portfolio Website
2025 - 2026

Personal Project · Flask / Vercel

- Python Flask portfolio deployed as serverless app on Vercel with REST API and Jinja2 templates.
- Matrix rain animation, terminal widget, and filterable project cards.

E-Commerce Platform
2022

Personal Project · PHP / MySQL

- Full e-commerce site with product catalog, customer management, and real-time stock system.

EDUCATION

Master's in Software Engineering & Rapid Application Development
October 2025 - Present

ISET Sousse

Bachelor's in Software Engineering & Information Systems
September 2020 - June 2023

ESSTHS - Ecole Superieure des Sciences et Technologies de Hammam Sousse

Preparatory Cycle for Engineering Studies
September 2018 - June 2020

IPEI Bizerte

Baccalaureate in Experimental Sciences
2017 - 2018

High School Enfida 1

TECHNICAL SKILLS

Languages Python · Java · PHP 8 · JavaScript · HTML / CSS · SQL

Frameworks Symfony 5/6 · Spring Boot · Flask · WinDev / WebDev · Odoo · Bootstrap

Databases PostgreSQL · MySQL · Aiven Cloud MySQL · MongoDB

DevOps Docker · Git · GitHub · Render · Vercel · Linux · CI/CD

Methods Agile / Scrum · Doctrine ORM · REST API · MVC · Technical Documentation

Other Composer · LaTeX · VSCode · IntelliJ

CERTIFICATIONS & TRAINING

PPAP & APQP - Production Part Approval & Advanced Quality Planning
November 2023

Success Management & Coaching

MSA - Measurement System Analysis
October 2023

Success Management & Coaching

LANGUAGES & INTERESTS

Languages

Arabic	Native
French	Fluent
English	Professional
German	Basic

Interests

- Emerging Technologies & AI
- Travel & Cultures
- Reading
- Volunteering (ARSII)

Available immediately · Open to remote work · References available on request