Emna Abbassi

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🔗 LinkedIn   GitHub   🌐 Portfolio

PERSONAL PROFILE

Computer Engineer with experience in software development, system monitoring, and DevOps workflows. I have worked on automation and data-processing solutions in industrial environments in Germany, supported by a solid foundation in applied AI. I bring an international background, strong problem-solving skills, and the ability to deliver reliable and efficient technical solutions.

EDUCATION

ESPRIT – Private Higher School of Engineering and Technology, Tunisia   *2020 – 2025*
Engineering Degree in Computer Science

Philipps-Universität Marburg, Germany   *Oct 2025 – Present*
Exchange Program (Freemover) – Sustainable Engineering & Future Technologies

Hochschule Schmalkalden, Germany   *Oct 2024 – Mar 2025*
Completed Exchange Semester in Computer Science

Kasserine High School, Tunisia   *2017 – 2020*
High School Diploma in Experimental Sciences

CERTIFICATIONS

- **AI Foundations Associate** – Oracle OCI
- **Certified Kubernetes Administrator (CKA)** – In Progress

EXPERIENCE

Wölfel Engineering, Working Student – Software Development   *Sep 2025 – Present*
- Develop monitoring and automation tools for offshore wind-turbine systems.
- Support DevOps workflows: containerization, deployments, Linux environments.

Wölfel Engineering , Software Engineering Intern   *Mar – Aug 2025*
- Built Python + Docker automation pipelines used across multiple industrial sites.
- Improved data validation and monitoring reliability for structural sensors.

IDOS Digital, Engineering Intern   *Jul – Aug 2024*
- Added new features to the ProHire platform using Spring Boot, React, and MongoDB.

ACTIA, Engineering Intern   *Oct – Dec 2024*
- Built a Django platform with AI features for pharmaceutical data management.

NAS TEK Paris, Engineering Intern   *Jul – Aug 2023*
- Optimized Java applications, improving scalability for high-traffic scenarios.

Simplon, Engineering Intern   *Jul – Sep 2022*
- Created responsive interfaces using HTML, CSS, Bootstrap, and SASS.

PROJECTS

MedicolGes   *Jan – May 2024*

- Developed the front-end of a full-stack JS platform used to manage 2,000+ patient records.
- Collaborated with a 5-member team to ensure smooth delivery and client satisfaction.

DevOps-Achat   *Mar 2024*

- Built a CI/CD pipeline using Jenkins and Docker to automate builds and deployments.

SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java, C, C++, PHP, HTML, CSS, R

- **Frameworks & Tools:** MERN Stack, Spring Boot, Angular, Symfony, Laravel, Django

- **Databases:** MySQL, MongoDB, Oracle, SQL Server, PL/SQL, InfluxDB, RDF, SPARQL

- **DevOps & Cloud:** Docker, Docker Compose, Kubernetes, Jenkins, Git, CI/CD, Linux scripting, Azure

- **Monitoring & Automation:** Grafana, InfluxDB, HDF5 processing, SFTP automation, OpenVPN connectivity monitoring

- **Networking:** VPN tunneling, routing basics, connectivity diagnostics

- **Methodologies:** Agile (Scrum, Kanban)

- **Documentation:** Technical documentation, Confluence

LANGUAGES

English: C1   **French:** B2   **German:** A2