



Firas Ayadi

Work permit: German, Tunisian | **Date of birth:** 17/11/1996 | **Place of birth:** Jendouba, Tunisia |

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<https://github.com/firasayadi444> | **Portfolio:** <https://firas-ayadi.netlify.app/> |

Address: Tunis, Ariana , Tunisia (Home)

ABOUT ME

I'm a software engineering student looking for a final-year internship or part-time job in DevOps or full-stack JavaScript development. I enjoy building web applications and working with cloud technologies, and I'm especially interested in integrating AI into real-world projects.

WORK EXPERIENCE

01/08/2024 – 30/09/2024 Paris, Île-de-France, France

INTERN APAIA TECHNOLOGY

- **Development of an AI-Powered Image Generation Platform:**

- Designed and developed a web platform for image generation using Django (backend) and Angular (frontend) with a REST API architecture, serving **over 500 daily active users**.
- Optimized backend performance, reducing image generation response time by **30%** through efficient API design and database indexing.
- Integrated **1 AI models** (Stable Diffusion) to enable advanced image generation capabilities, improving platform functionality by **40%**.
- Collaborated with a cross-functional team of **2 developers** to deliver the project **4 weeks ahead of schedule**.

01/08/2023 – 31/08/2024 Ariana, Tunisia

INTERN ARABY ADS AFRICA

- **Creation of Scalable E-Commerce Systems with .NET and React.js:**

- Developed and deployed **2 scalable e-commerce platforms** using .NET (backend) and React.js (frontend), handling **over 1,000 transactions daily**.
- Implemented state management with React.js, reducing page load times by **25%** and improving user experience.
- Collaborated with a team of **1 developer** to deliver the project within **1 month**.

PROJECTS

Generative AI Web Platform

Technologies: Django, Angular, MySQL

- Developed a platform for generating images and videos using AI models.
- Designed and implemented the backend using **Django** for robust API integration and business logic.
- Built a responsive and user-friendly frontend with **Angular** to ensure seamless user interaction.
- Integrated AI models to enable advanced image and video generation capabilities.

Pipeline CI/CD Kubernetes et Jenkins

Technologies : Docker, Jenkins, Terraform, Kubernetes.

- Implemented CI/CD pipelines using **Jenkins** for automated deployments.
- Automated infrastructure as code using **Terraform** to ensure consistent and reproducible environments.
- Containerized applications using **Docker** for seamless deployment across environments.
- Integrated backend (**Django**) and frontend (**Angular**) with the CI/CD pipeline to streamline development workflows.

Employee Management System

Technologies : Node.js, React.js, MySQL

- Developed an employee management system using **React.js** for the frontend, featuring user authentication and leave management functionalities.
- Built a robust backend with **Node.js** to handle business logic and API integrations.
- Designed and managed **MySQL** databases for efficient data storage and retrieval.
- Implemented secure user authentication to ensure data privacy and system integrity.

● **EDUCATION AND TRAINING**

12/09/2022 – CURRENT Ariana, Tunisia
SOFTWARE ENGINEER TekUp University

Website <https://tek-up.de/> | **Level in EQF** EQF level 7

15/09/2016 – 05/07/2019 Jendouba, Tunisia
BACHELOR OF APPLIED SCIENCE IN INDUSTRIAL ELECTRICITY Higher Institute of Technological Studies of Jendouba

Website <https://isetj.rnu.tn/> | **Level in EQF** EQF level 6

● **TECHNICAL SKILLS**

Development, Cloud, and Database Management

- Proficient in web application development using frameworks like ExpressJS ,Django and Angular/Reactjs.
- Hands-on with **AWS CI/CD tools** such as **AWS CodePipeline, AWS CodeBuild,** and **AWS CodeDeploy**
- Hands-on experience with CI/CD pipelines using Jenkins and Kubernetes.
- Familiarity with containerization tools like Docker.

● **LANGUAGE SKILLS**

Mother tongue(s): **ARABIC**

Other language(s): **ENGLISH** | **FRENCH**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
DUTCH	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user