Seifeddine Touj *Software Engineering Student*

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🔗 seifeddinetouj.me

🎓 Education

Software Engineering Degree, *Faculty of Sciences of Tunis*
2020 – 2025

Baccalaureate degree in Technological Studies,
Hannibal High School
2020

💼 Professional Experience

Infiniteblocks (Aidodev), *Web Development Intern* 🔗
07/2024 – 08/2024
- Contributed to InfiniteBlocks 🔗 , a platform for AI-powered podcast generation and sentiment analysis in cryptocurrency news.
- Developed microservices and managed the microservice hub for optimal performance.
- Integrated Auth0 for authentication with decentralized login methods (Ethereum, Solana).

NextJS, Golang, FastApi, Python, Auth0, Git

AgroBourse 360°SI 🔗

Part-time Developer
09/2023 – 02/2024
- Developed Synapse HR Solution 🔗 , an HR management app, focusing on feature creation, integration, and troubleshooting.
- Managed end-to-end tasks including feature development, integration, and bug resolution.
- Incorporated client feedback to adapt the app to evolving user needs.

Python, PostgreSQL, Odoo, Docker, Git, XML, JS, CSS, Scrum

Development Intern
07/2023 – 09/2023
- Developed the initial version of Synapse HR Solution 🔗 , a tailored HR management platform.
- Conducted research, prototyping, and team collaboration to meet company-specific HR needs.
- Implemented features for tracking employee attendance, leave, productivity, and efficiency.

Python, PostgreSQL, Odoo, Docker, Git, XML, JS, CSS, Scrum

🔗 Club and Association Experience

President, *Optima Junior Entreprise* 🔗
2023 – 2024
- Spearheaded strategic planning efforts to align vision with actionable goals.
- Prioritized stakeholder satisfaction to maintain crucial support.
- Directed operations to ensure Optima's efficiency and successful goal attainment, enhancing its reputation.

IT Department Manager, *Optima Junior Entreprise* 🔗
2022 – 2023
- Led development teams, studied project feasibility, and managed risk to deliver several projects successfully.
- Managed client relationships and developed dashboards to ensure relevant interested parties' satisfaction.
- Maintained IT tools and oversaw the team skills development to improve performance.

Developer, *Optima Junior Entreprise* 🔗
2021 – 2022
- Developed solid experience in web development of various levels of complexity.
- Contributed to over 7 projects using various technological stacks.
- Developed project management skills, including communication, organization, and meeting deadlines and budgets.

📁 Projects

DevOps Pipeline Project 🔗
2024
Academic project implementing a full DevOps pipeline from build to deployment.
- Developed a comprehensive CI/CD pipeline in Jenkins, covering all stages from build and automated testing to Docker containerization, infrastructure provisioning, and final deployment.
- Implemented infrastructure provisioning with Terraform, deploying a Kubernetes cluster on AWS EKS.

Jenkins, Docker, AWS, Kubernetes, Terraform, Prometheus, JMeter, Grafana

Aikedin 🔗
2023
Chrome extension enhancing LinkedIn engagement through AI-driven content generation for posts and comments.
- Developed core functionalities using OpenAI APIs to create LinkedIn posts and targeted comments.
- Ensured ease of use and alignment with client branding requirements.

JavaScript, jQuery, HTML, CSS, OpenAI API, LLM

La Centrale Des Ferries 🔗
2023
Web-based booking platform for Mediterranean ferry crossings.
- Redesigned and optimized internal website functions
- Centralized operations to improve management efficiency.
- Resolved security and deployment challenges in collaboration with clients and providers.

JavaScript, PHP, CSS, Scrum

JOIN 🔗
2022
Recruitment platform for junior enterprises with customizable workflows and candidate management.
- Developed interview management, form creation, and customizable recruitment workflows.
- Optimized recruiter management tools for candidate tracking and process organization.
- Enhanced platform performance to support multiple concurrent users during peak recruitment.

Symfony, JavaScript, jQuery, Bootstrap, Scrum

Shyk.fr 🔗
2021
Online marketplace for wellness and sports trips with advanced booking capabilities.
- Developed tools for trip publishing and booking management.
- Oversaw Agile Scrum project management, ensuring timely and budget-compliant delivery.

JavaScript, PHP, CSS, WordPress, Scrum

💬 Skills

Frameworks & Development Tools — Next JS, Angular, Springboot, FastApi, Symfony, Codeigniter, Flutter basics, Git, Git Flow

Development Languages — Golang, Python, Java, C, C++, Javascript, PHP, CSS, HTML

Databases & Cloud/DevOps — MySQL, PostgreSQL, AWS (basics), Kubernetes (basics), Terraform (basics), Jenkins, Nexus

Soft Skills — Public Speaking, Adaptability and flexibility, Teamwork and collaboration, Time and Stress management

🌐 Languages

Arabic — Native ● **French** — Proficient ● **English** — Proficient