

Ayari Oussama – Computer Engineering Student

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Profile

Computer engineering student passionate about **Cloud Computing**, **DevOps**, and **system reliability**. Strong skills in **Kubernetes**, **Docker**, **CI/CD**, and **Infrastructure as Code**. Experienced in teamwork using **Scrum** and applying **DevOps best practices** to automate and optimize infrastructure. Seeking a final-year internship to contribute to the build and migration of high-performance cloud environments.

Technical Skills

Cloud & Infrastructure: AWS, Kubernetes, Docker, Terraform, OpenStack, Ansible, Oracle Cloud

CI/CD: GitHub Actions, Jenkins, Git, Bash Scripting, GitOps

Monitoring & Alerting: Grafana, Prometheus

Methodologies: DevOps, Scrum

Development & Languages: Python, Java, Spring Boot, Angular, PHP, SQL, Bash, FastAPI, Symfony, .NET

Databases: PostgreSQL, MySQL, Oracle, MongoDB

Professional Experience

Web Developer Intern – Direct Emploi, France June 2025 – August 2025

- Implemented an automated crawling system processing 10,000+ job offers daily
- Optimized data processing and storage, reducing indexing time by 40%
- Improved **SEO** and keyword analysis with **SEMrush**

Freelance Web Developer – Pro-Medium.com, Tunis June 2024 – July 2024

- Developed a **Symfony** website managing 400+ active users
- Server deployment via **cPanel**, achieving a 30% reduction in load time

Web Developer Intern – Scheidt Bachmann, Tunis Jan. 2023 – May 2023

- Developed a microservices application using **Angular** and **Spring Boot**
- Containerized services using **Docker** and orchestrated deployment with **Kubernetes**
- Automated **CI/CD** with **Jenkins**, reducing deployment from 60 min to 16 min
- Applied **DevOps best practices**

Technical Projects

NLP Chatbot for Infrastructure as Code Sept. 2024 – Feb. 2025

- Developed an **NLP** chatbot using **Ollama** and **LLM** to automate **Kubernetes** cluster creation
- Reduced infrastructure provisioning time from 2h to 10 min
- Deployed **12+ containerized applications** on the cluster with integrated monitoring

Web Casting Platform on Private Cloud Sept. 2024 – Jan. 2025

- Deployed a **private OpenStack cloud** with provisioning of 7+ VMs
- CI/CD pipeline with **Jenkins** and a **GitOps** approach automating deployment cycles
- Monitoring with **Grafana/Prometheus** covering 15+ metrics
- Automated deployments using **Ansible**, reducing provisioning time by 45%
- Participation in **Scrum** ceremonies

Education

Engineering Cycle in Computer Science – CY Tech, France 2025 – 2026

Engineering Cycle in Computer Science – ESPRIT, Tunisia 2023 – 2025

Bachelor's Degree in Computer Science – ISET Charguia, Tunis 2020 – 2023

Certifications

Cisco Network Security Nov. 2025

AWS Academy Graduate – Cloud Operations Oct. 2025

Oracle Cloud Infrastructure 2025 Certified Foundations Associate Sept. 2025

Languages

- **French** – Advanced
- **English** – Advanced
- **Arabic** – Native