

Nabil Abdelouahed

github.com/NabilAbdelouahed nabilabdelouahed.com/portfolio [linkedin.com/in/nabil-abdelouahed-b943041b8](https://www.linkedin.com/in/nabil-abdelouahed-b943041b8)

nabilabdelouahed4@gmail.com [+33 7 64 74 29 50](tel:+33764742950)

Currently in my final year at CentraleSupélec, I am seeking a full-time position starting from September 2026.

WORK EXPERIENCE

Michelin SRE (Site Reliability Engineer) | Apprenticeship 2023 – 2026
DevOps / AiOps / Software

- Automate ETL of Metrics, Logs and Traces in order to create SLI/SLOs for monitoring purposes. I presented my work at the yearly Michelin Tech Event as one of the most impactful projects for the company.
- Automate Blackbox probes deployment with OpenTelemetry in Kubernetes clusters and VMs using Gitlab CI/CD pipelines and Ansible.
- Developping and deploying various apps : visual otel configs editor, network tools app, full Grafana stack dev env...
- Part of a task force made in place for a critical data ingestion outage (Splunk, Mimir, Tempo, Loki...).
- Developping an autonomous AI agent and various MCP servers connected to multiple internal services, and automating workflows to support incident and ticket resolution.

Student Jobs 2016 – 2023
Sous Chef (2023) | Catering Agent (2021 - 2022) | Waiter (2019) | Maintenance, Plumber (2016 - 2018)

EDUCATION

Engineering School: CentraleSupélec 2022 – 2026
Major: CyberSecurity

Preparatory Class CPGE TSI 2020 – 2022
ranked 5th in the entrance exam for Centrale Supélec

Baccalaureate Degree (Tunisia) 2020
graduated with highest honors, ranked 1st in my region and 4th nationally

PROJECTS (Checkout the full list on my website, link above)

Ansible Sandbox | Docker, Docker Compose, Ansible, Ubuntu, CentOS, Git, Yaml 2025

- Docker-based Ansible mini-lab (1 control + 2 managed nodes), containerized infrastructure using Docker Compose
- Automated SSH key provisioning for passwordless Ansible orchestration
- Inventory and playbook development for multi-node configuration testing

Fully Local AI Lab | Python, Docker, Docker Compose, Git, Unix Shell 2024– Present

- Built a local AI ecosystem integrating LLMs, text-to-image/video, STT, and TTS models
- Deployed modular AI services using Docker and Docker Compose for isolated and orchestrated containers

SKILLS

Programming Languages: Python, C/C++, SQL, Java (Android Mobile Apps) ██████████
PHP, HTML/CSS, JavaScript, Pascal ██████████
React, React Native, Assembly (x86, RISC-V) ██████████

Tools: Azure (Data Lake, Data Factory, Databricks...), Kubernetes, Docker, CI/CD, Splunk, Grafana,...

Language: English(Fluent: C1+) (Ex member of GNG Project), French (Native), Arabic (Native)

HOBBIES

Sports: Football(10 years), Tennis(4 years), Sailing (3 Years), Kung Fu (3 Years)

Chess: Member of the chess club of Centrale Supélec