

# Nabil Abdelouahed

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

[nabilabdelouahed4@gmail.com](mailto: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  
Data ETL / 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 Grafana dashboard generation (also deploying on VMs using Ansible).
- Developing 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...).
- Developing 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, Git, Splunk, Grafana + MLTP + OTLP,...

**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