



# NABIL ABDELOUAHED

 [nabilabdelouahed.com/portfolio](https://nabilabdelouahed.com/portfolio)  
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You can find more details about my projects and technologies I use on my website --->



- Windows/WSL
- Ubuntu
- Kali linux
- Tails linux
- MacOS

- Python
- Java
- SQL
- C / C++
- PHP
- Javascript
- HTML / CSS
- Pascal
- Mikropascal
- Swift

## EDUCATION



**Centrale Supélec** 2022 - 2026

Engineering school  
Paris Saclay - Metz - Rennes

**CPGE TSI** 2020 - 2022

Preparatory class CPGE TSI (prépa scientifique)  
Lycée La Fayette, Clermont-Ferrand  
I ranked 5th in the entrance exam for Centrale Supélec

**Baccalaureate degree** 2020

Lycée Ibn Sina, Mahdia, Tunisia  
I graduated with highest honors (18.18) ranked 1st in my region

## LANGUAGES (Trilingual)

**English** : Ex member of the GNG project ; Linguaskill C1+  
**French , Arabic**

## ACTIVITIES

Football (10 years), tennis (4 years), sailing (3 years), Kung fu (3 years)...

## WORK EXPERIENCE

**MICHELIN (APPRENTICESHIP)**

**Present (2023-2026)**

**Site Reliability Engineering**  
*Clermont-Ferrand*

- Data / Devops / AiOps
- Various technologies: Kubernetes + Docker /Splunk /Grafana /Data Lake...
- Automate ETL of Metrics, Logs and Traces in order to create SLI/SLOs for monitoring purposes.
- Automate Blackbox probes deployment with OpenTelemetry in K8S clusters and Grafana dashboard generation ( also deploying on VMs using Ansible).
- Developping and deploying various apps : visual otel configs editor, network tools app, full Grafana stack app...
- Developping MCP servers and APIs connected to multiple internal services, and automating workflows to support incident and ticket resolution.

### STUDENT JOBS

- Sous Chef | 2023
- Catering Assistant 2nd Degree | 2021-2022
- Server/Multitasker | 2019
- Maintenance / Plumber | 2016 → 2018

## PROJECTS

- **ANDROID CHESS MOBILE APP**
- **SECURE FILE SHARING APP**
- **POP3 SERVER IN C++**
- **PC RESOURCES MONITORING APP**
- **ANSIBLE SANDBOX**
- **FULLY LOCAL AI SETUP (LLM, STT, TTS, IMAGE GEN...)**
- **ROOT ANDROID + NETHUNTER**
- **MACRO PAD FROM SCRATCH**
- **PLATEFORMER GAME / 2048 GAME**
- **FLIPPER ZERO (PENTEST)**
- **MINING CRYPTO + TRADING BOT**
- **CREATE TELECOMMUNICATION NETWORK**
- **FACE DETECTION**
- **ESP32 CAM : WEBSERVER CAM**
- **RUBBER DUCKY - RASPBERRY PI PICO**
- **PC BUILD**
- **CUSTOM WINDOWS IMAGE (ISO)**
- **BRUTE FORCE LOGIN**
- **MAIL AND SOCIAL NETWORKS SPAM**

\*\*Driver's licence holder (B)