



AHMED AMINE NOUABI

Arts and crafts engineer

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Casablanca, Morocco (Can relocate)

ahmed-amine-nouabi

amineNouabi

nouabi.engineer

Arts and crafts engineer specialized in electromechanics, passionate about software and systems. Curious and driven, I am always looking for new challenges to learn, grow, and refine my skills.

EDUCATION

State Engineer | ENSAM Meknès

09 2019 – 07 2025 Meknès, Morocco

- Electromechanical Engineering
- Software Engineering
- Industrial Automation & IoT
- Signal Processing and Control
- Telecommunication and Radio frequency
- Physical Simulations and Modeling

Baccalauréat | Youssef Ben Tachfine

09 2014 – 07 2017 Agadir, Morocco

- Technical Sciences Mechanical Option

TECH STACK

IIOT Embedded Systems Docker

Shell Bashscript React Native

React Node.js PLC Nginx

npm Typescript CodeSys Git

yarn Linux Python C and C++

Pnpm Assembly MicroControllers

Java MicroProcessors Node-red

Matlab Catia Ansys TIA Portal

PL7 pro Electron Next.js MQTT

PID control LabVIEW Solidworks

PostgreSQL MongoDB PostGIS

LANGUAGES

English: **Fluent**

French: **Proficient**

Arabic: **Native**

EXPERIENCE

Industrial IOT & DevOps Engineer | MSMP - Art et Metiers

03 2025 – 06 2025

Aix en Provence, France

- Installed and configured industrial sensors and devices.
- Programmed PLC controller to retrieve data from sensors.
- Integrated CNC machine tool data using MQTT protocol.
- Built a real-time dashboard with WebSockets for data visualization.

Blockchain Mobile Developer | FeverTokens

07 2024 – 11 2024

Paris, France

- Crypto wallet development
- Decentralized applications (DApps) development
- CI/CD and DevOps for Mobile Apps tests and builds

Tech Architect & Full Stack Developer | Gloowon

07 2022 – 02 2024

Fès, Morocco

- Designed web infrastructure and software architecture
- Code Review, mentoring and DevOps practices.
- Hosting and server management

PROJECTS

Vox Chain 10 2024 – 01 2025

Developed a mobile crypto wallet app enabling blockchain interactions and cryptocurrency management via voice commands, integrating STT and LLM technologies.

Play Position | Personal project

08 2024 – 10 2024

A cross-platform mobile/web app for football players, built with React Native, featuring geolocation to join matches, game statistics tracking, and team management.

Arm stabilizer | Academic Project

09 2023 – 12 2023

Designed and implemented an IMU-based arm stabilizer using gyroscope and accelerometer data, signal processing and filtering, PID control, and a web dashboard for monitoring.

Study and Simulation of a Wind Turbine | Academic Project

04 2023 – 07 2023

Conducted aerodynamic studies and simulations of wind turbine blades with Ansys Fluent, and performed mechanical sizing of turbine components.