

ADNANE AIT MALEK

SOFTWARE ENGINEER

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SUMMARY

Full-stack software engineer specialized in modern web development with React, NestJS, and Django. I build scalable web applications with experience in AI-powered platforms and machine learning integration. Strong foundation in systems programming from 1337 Coding School with a passion for creating innovative digital solutions.

PROFESSIONAL EXPERIENCE

Research Assistant Oracle R&D	Feb 2025 – Present
- Migrating monitoring system from Zabbix to OCI APM monitoring - Integrated crawler health checks into OCI APM monitoring - Automated resource creation in OCI using Terraform and Shepherd	
Full-Stack Developer Clayziq (Freelance)	Apr 2024 – Jan 2025
- Built AI-powered art generation platform with React frontend and NestJS backend - Integrated machine learning APIs for image generation and processing	
Full-Stack Developer Animatrix (Freelance)	Apr 2023 – Aug 2023
- Developed full-stack AI image generation platform using React and Django - Implemented ML models for image element extraction and customization	
Software Engineering Intern ASMENT TEMARA	May 2022 – Jul 2022
Developed interactive web dashboards for data visualization and reporting	
Software Engineering Intern STRADYCONF	Jun 2021 – Jul 2021
Created full-stack web application for database management with intuitive UI	

PROJECTS

Transcendence (1337 School)	Jan 2024 – Apr 2024
- Full-stack multiplayer Pong game with real-time WebSocket communication - JWT authentication with 2FA, matchmaking system, and tournament features - Tech: React, Django, PostgreSQL, Docker	
Web Server Development (1337 School)	Jan 2024 – Apr 2024
- HTTP/1.1 compliant web server built from scratch in C++ - Request parsing, CGI support, and connection management	

SKILLS

Frontend: React, JavaScript, HTML5, CSS3, TypeScript, Responsive Design

Backend: NestJS, Django, Node.js, Python, RESTful APIs, Database Design

Database & Tools: PostgreSQL, MongoDB, Git, Docker, Linux, C/C++

Languages: Arabic (Native), French (Fluent), English (Fluent)

EDUCATION

Common Core Program 1337 Coding School, Khouribga	Oct 2022 – Jan 2025
BSc Computer Science Faculté Polydisciplinaire, Khouribga	Sep 2022 – Jul 2023
DUT Computer Science EST, Casablanca	Sep 2020 – Jul 2022