

# Moncef Zabat

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## Summary

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**Automation & Backend Developer** with hands-on experience building **AI automations, web automation tools, and business process integrations**. Specialized in designing intelligent workflows using **n8n**, web scraping technologies, dashboards, and software integrations that help businesses save time and scale operations. Strong technical foundation in backend development with **Django** and **REST APIs**, allowing me to bridge automation with custom software solutions when needed.

## Education

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**Higher School of Computer Science, Sidi Bel Abbès** Sept 2023 – Present  
Engineering and Master's Degree in Computer Science

## Skills

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**Automation** : Automation Tools (n8n,make), AI Integrations, Web Scraping, System Integrations, Dashboards  
**Programming**: Python, JavaScript, SQL, Bash Scripting  
**Backend**: Django, Django REST Framework, REST APIs, API Documentation, Third-party API Integrations, SQLite, PostgreSQL  
**Others**: Docker, Git, CI/CD, Linux ,Azure/Render Deployemnt, Prompt Engineering, API Testing , OWASP TOP 10 , Burp Suite, Web Security

## Experience

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**Automation Developer – Freelance** Dec 2023 – Present

- Designed and deployed end-to-end automation systems for clients across Africa, Europe, and Asia
- Built AI-powered workflows, web automation systems, and intelligent dashboards
- Developed web scraping solutions, automated data , and reporting tools
- Integrated CRMs, APIs, payment platforms, and internal business systems
- Automated repetitive operational processes, significantly improving efficiency and reducing manual workload

**Automation Developer – Zidna Digital** Aug 2025 – Feb 2026

- Developed custom automation solutions for clients in the **French and Algerian markets**
- Built AI-powered SaaS automations, CRM workflows, and intelligent chatbot systems
- Implemented **web data collection systems using official and compliant methods**
- Automated social media management, reporting pipelines, and administrative operations
- Collaborated with a team to design powerful automations.

**Backend Developer – Kleer Infini** Jun 2025 – Aug 2025

- Developed the backend system for an exportation application using Python, Django, and Django REST Framework
- Designed and implemented robust APIs to support application functionality
- Conducted security testing and ensured compliance with best practices
- Collaborated with the team to plan, develop, and optimize backend workflows
- Performed testing, debugging, and maintenance to ensure smooth and reliable operations

## Involvements

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**Founder & Captain – Trojeun CTF Team** [Trojeun](#)

- Founded and led a cybersecurity Capture The Flag (CTF) team composed of passionate security learners
- Developed strong leadership and team coordination skills through managing training and competitions
- Developed My scripting and automation skills by solving real-world cybersecurity and technical challenges

- Encouraged knowledge sharing and continuous learning within the team environment

### Technical Team Member – Ingeniums Club

[Ingeniums](#)

- Designed programming challenges and technical activities to enhance students' problem-solving and development skills

## Projects

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### CyberMaster Platform

[GitHub](#)

*Backend Developer*

- Collaborate With A team of 5 personnes To Develop a learning platform allowing users to solve labs, browse courses, and take certification exams.
- Built secure RESTful APIs using Django and Django REST Framework; implemented JWT-based authentication and PostgreSQL database.
- Designed and developed features including lab submission system, student ranking, badges management and other platform features.
- Integrated an interactive chatbot, fetching real-time responses to assist users with guidance and learning support.
- Created cybersecurity labs using Python libraries, Bash scripting, Docker and other technologies.
- Documented the API using Swagger.
- Containerized the application with Docker for deployment.

### Noor Laboratory Platform

[GitHub](#)

*Fullstack Developer*

- Developed a web application for online medical appointment booking and laboratory test result management.
- Built the frontend using HTML, CSS, JavaScript, and Bootstrap, and developed backend APIs using Django and Django REST Framework.
- Implemented secure user authentication system for signup and login.
- Designed appointment scheduling features and enabled users to access laboratory test results via a unique code.
- Integrated real-time notifications using Django Channels to notify users upon appointment booking.
- Deployed the application in production using Gunicorn and Render.

## Languages

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Arabic, English, French