ABDERRAHMANE OUDI

AI–DRIVEN AUTOMATION ENGINEER

CONTACT

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SKILLS

- Python (Core, OOP, File Handling)
- Web Automation (Selenium / Playwright)
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- API Integration (Requests, JSON, REST APIs)

LANGUAGES

- English (Fluent)
- Arabic (native)

PROFILE

Motivated and self-taught Backend & Automation Developer passionate about using technology to solve real-world problems. Currently enrolled in the ALX Backend Software Engineering Program and studying AWS Cloud Computing. I'm actively building real-world automation tools and backend systems, with a strong focus on email automation, web scraping, API integration, and task scheduling. Seeking an internship opportunity to gain hands-on experience, collaborate in a professional environment, and accelerate my career toward becoming an AI-driven automation engineer.

WORK EXPERIENCE

Python Automation Developer

Freelance | Remote — 2025 - Present.

- Developed an automated email reminder system for unpaid invoices using Python, SMTP, and Google Sheets.

- Created a YouTube video downloader GUI using Pytube and Tkinter.

- Built custom scripts to automate Excel and CSV processing, used for client data parsing.

- Implemented web scraping tools using Requests and BeautifulSoup to collect structured data from websites.

- Designed backend logic and API requests for a skills tracking app using SQLite.

- Scheduled Python scripts using cron jobs and Windows Task Scheduler for background automation.

EDUCATION

ALX Africa - Professional Foundation Program
Completed June 2025
- Focused on problem-solving, teamwork, research, data visualization, and agile thinking.
- Delivered a milestone solution addressing education challenges in Sub-Saharan Africa using automation tools.
- Selected for continuation into the Backend Development and AWS tracks.

ALX Africa - Backend Development Program
In partnership with Holberton School — In Progress (Expected 2026)
- Learning advanced backend engineering, full-stack systems, API development, and automated testing.
- Applying agile methodologies to real-world projects and collaborative environments.
- Projects include database schema design, REST API building, and server-side optimization.

ALX Africa - AWS Cloud Computing Program
Self-paced through ALX, 2025 — In Progress (Expected 2026)
- Studying cloud infrastructure fundamentals using Amazon Web Services (AWS).
- Covering key services like EC2, S3, IAM, and global infrastructure design.
- Practicing secure deployment of cloud resources and access management.