

# Djebbes Rabah

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## PYTHON BACK-END DEVELOPER

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### System Programming | Python Development | Backend Development

Reliable, energetic and resourceful Python Backend Developer with over 5 (five) years of experience writing and testing code, debugging programs and integrating applications with third-party web services for multiple campaigns in diverse industries.

## WORK EXPERIENCE

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**UK based startup/ 2024**

Remote

### Python/Django Backend Developer (Blockchain Startup)

- Responsible for developing back-end architecture & API components.
- Responsible for integrating the backend with the Ethereum blockchain.
- Implemented JWT-based authentication, protected sensitive routes, enforced permission checks, and safeguarded wallet-related endpoints.
- Integrated WebSocket or polling mechanisms to fetch real-time token price updates and transaction events from decentralized exchanges and nodes.

**COSHA / 2022 - 2023**

Remote

### Automation Specialist

- Designed and implemented automation scripts using **Python** to streamline repetitive tasks such as data extraction, file handling, report generation, and system monitoring.
- Developed software interfaces to connect with **PLC systems, sensors**, or industrial hardware using protocols like **Modbus, OPC, or serial communication**.
- Created data logging tools to collect real-time data from machines or field devices and store it in databases (SQL, CSV, Excel) for analysis or reporting.

**Red Rose Edition / 2021 - 2022**

Remote

### Python/Django Developer

- Developed RESTful APIs using Django REST Framework (or FastAPI), allowing frontend applications to securely interact with backend services.
- Designed and maintained relational databases (PostgreSQL or MySQL), created efficient models, and optimized queries to ensure performance and scalability.
- Implemented user login, registration, password reset, and role-based access control using JWT or session-based authentication.
- Deployed backend services using **Docker**, configured environment variables, and set up deployment pipelines on services like **Heroku, DigitalOcean, or VPS**.

## EDUCATION

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University Of Constantine 1 - *Algeria, Constantine*  
Bachelor's Degree – **Control Systems and Automation Engineering**, 2020-2024

## PROFESSIONAL SKILLS

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- Extensive experience in designing and developing **complex software systems** with a focus on performance, scalability, and clean architecture.
- Proficient in **Dockerizing applications**, defining standardized **RESTful endpoints**, and ensuring smooth deployment pipelines.
- Implemented **monitoring, logging, and alerting** systems to ensure high availability and fault tolerance
- Advanced skills in **Python, Django, Django REST Framework**, and **FastAPI** for building secure and modular backend APIs.
- Familiar with **frontend languages and frameworks** such as HTML, CSS, JavaScript, and Bootstrap, enabling seamless integration between frontend and backend systems.

## AWARDS AND CERTIFICATION

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|---|-------------------------------|
| • Developing Applications with SQL, Databases, and Django |                               |
| • <b>IBM</b>  |                               |
| • DevOps and Build Automation with Python                 | <b>Learn Quest</b>            |
| • Crash Course on Python                                  | <b>Google</b>                 |
| • Introduction to Data Science in Python                  | <b>University of Michigan</b> |
| • Certificate of Language Ability                         | <b>Emmersion</b>              |

## SPOKEN LANGUAGES

- **Arabic** - Native or bilingual proficiency
- **English** - Native or bilingual proficiency
- **French** – Conversational proficiency