

# Badr Ribzat

Full Stack Developer | API Specialist | DevOps Enthusiast

Route de Larache Zahrae 2 Bloc 11 NR 07, Ksar El Kebir, Morocco | +212 627-764176 (WhatsApp) | +212 622-200190  
badrribzat@gmail.com | Portfolio: badrribzat.github.io/portfolio  
GitHub: github.com/BadrRibzat | LinkedIn: linkedin.com/in/badr-ribzat14121990

## Professional Summary

Passionate software engineer with 3+ years of hands-on experience in full-stack development, API design, and system architecture. Strong foundation in Python, JavaScript, and cloud technologies. Proven ability to deliver scalable solutions with expertise in Flask, FastAPI, Docker, and CI/CD pipelines. Excellent problem-solving skills combined with multilingual communication abilities.

## Technical Skills

Programming Languages:	Frameworks & Libraries:	DevOps & Cloud:	Databases:	Tools & Platforms:	Methodologies:
<ul style="list-style-type: none"><li>Python</li><li>JavaScript</li><li>SQL</li><li>HTML5/CSS3</li><li>C</li><li>Bash</li></ul>	<ul style="list-style-type: none"><li>Flask</li><li>FastAPI</li><li>Django</li><li>React</li><li>Tailwind CSS</li></ul>	<ul style="list-style-type: none"><li>Docker</li><li>AWS</li><li>CI/CD Pipelines</li><li>Linux Administration</li></ul>	<ul style="list-style-type: none"><li>MySQL</li><li>MongoDB</li><li>Redis</li></ul>	<ul style="list-style-type: none"><li>Git/GitHub</li><li>Postman</li><li>JIRA</li><li>VS Code</li></ul>	<ul style="list-style-type: none"><li>RESTful APIs</li><li>Microservices</li><li>TDD</li><li>Agile/Scrum</li></ul>

## Projects

### IT Learning Platform API

Developed a comprehensive educational API with JWT authentication and documentation

**Technologies:** Python, FastAPI, MongoDB, Docker

- Implemented Swagger UI documentation achieving 100% API endpoint coverage
- Designed scalable architecture handling 100+ concurrent users
- Integrated CI/CD pipeline reducing deployment time by 40%

**URL:** <https://it-learn-backend.onrender.com>

### Chatbot Assistant

Created an AI-powered educational chatbot with natural language processing

**Technologies:** Python, NLTK, Flask, JavaScript

- Achieved 85% accuracy in intent recognition
- Reduced response time to under 2 seconds through optimization

**URL:** <https://github.com/BadrRibzat/Chatbot-Assistant>

## Education

### Software Engineering Foundations

2024

ALX Program

- Validated with distinction (Score: 106.76%)

### Diploma in Pharmacy Technician

Awarded

Professional Training Institute

## Certifications

- Python Programming Certifications (Beginner to Advanced) - 2022-2023
- JavaScript Programming (Intermediate) - 2023

## Languages

- Arabic (Native)
- French (Professional Working Proficiency)
- English (Professional Working Proficiency)

- SQL Certification - 2023
- Spanish (Beginner (Currently Learning))
- Web Development Fundamentals - 2022
- Google Certified Digital Marketing - 2020

### Additional Experience

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- Digital Marketing Consultant (Freelance) - 2020-2022
- Hospitality Management - 2015-2019 (Developed transferable customer service and teamwork skills)