

Aly Tamer Matar

Junior Python Backend Developer | Egypt · Open to remote

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SUMMARY

Junior Python backend developer building REST APIs with Flask and PostgreSQL, using Docker and Git. Built a full-stack web and mobile platform for a logistics company and a course website, and completed a REST API internship. BSc Software Engineering graduate, Bauman Moscow State Technical University (Kaluga Branch), 2026.

TECHNICAL SKILLS

Backend: Python, Flask, FastAPI, REST APIs, SQL, PostgreSQL, SQLAlchemy, JWT authentication, pytest

Tools: Docker, Git, GitHub, Linux, Postman, Insomnia, pgAdmin, VS Code

Also: JavaScript, TypeScript, React, React Native, HTML/CSS, C++, C#, Java, PHP, Android SDK, Firebase, AI API integration

EXPERIENCE

Full-Stack Developer (Part-time) — Logistics company

Aug 2024 – Sep 2024

- Built a website (React) and a React Native mobile app for the company's accounting and data control, with a Flask backend and a PostgreSQL database.
- Built a driver app that takes photos and scans data via OCR or QR codes; the data then appears on the website, where an administrator edits and approves it.

Full-Stack Developer (Part-time) — Arabic language courses website

Jul 2024 – Aug 2024

- Built the course website: React frontend, Flask backend (login, course materials, paid sections) and PostgreSQL database.

REST API Intern — Cloudilic (online)

Jul 2024 – Aug 2024

- Built REST APIs and researched the latest AI-based APIs.

Computer Science & Game Development Tutor — Kodland

Jul 2025 – Jul 2026

- Taught Python programming and Roblox Studio game development; created lesson plans and hands-on projects, adapting to each student's pace.

Rouge International & Rouge Ventures

Nov 2024 – Jul 2025

Co-Leader, AI Unit Operations (Dec 2024 – Jul 2025)

- Promoted to co-leader; led system development, AI integrations and cyber-related functionality, and managed the team.

Web Development Operations Associate Intern (Nov 2024 – Dec 2024)

- Designed and developed websites on Wix in the Online Design Unit, integrating AI tools and APIs and improving UX/UI.

PROJECTS

Flask Authentication & Authorization API | github.com/alymatar/Flask-authorization-and-authentication

- Flask, SQLAlchemy and PostgreSQL; custom auth without Flask-Login: JWT Bearer tokens, database-backed sessions, bcrypt password hashing.
- Role-based access control built from scratch: per-role, per-resource and owner-based permissions, admin API, pytest tests.

TechReviews (team project) | github.com/alymatar/teach-review

- TypeScript/Express microservice backend with PostgreSQL: API gateway, auth and product services, JWT, Swagger docs, Docker Compose.

Expense Analytics CLI | github.com/alymatar/expense-analytics-cli

- Python command-line expense tracker with category analytics, CSV storage and unittest tests.

Earlier student projects: food-ordering desktop app in Windows Forms (Feb 2023 – May 2023); frequency dictionary website in HTML, CSS and JavaScript (Jul 2024).

EDUCATION

BSc in Software Engineering — Bauman Moscow State Technical University, Kaluga Branch

Graduated 2026

Relevant courses: Software Development, Web Development, Databases, OOP, Data Structures and Algorithms, Operating Systems, Computer Networks, Android Development

ACTIVITIES & CERTIFICATES

- University:** supervisor for international students in the International Department (coordination, documents, translation); admissions office (Jul 2024 – Aug 2024).
- Certificates:** nuclear energy summer courses (Jun 2024), selected as one of the best international students, built a website; language festival (Oct 2022 – Oct 2024), taught Arabic, two certificates.

LANGUAGES

Arabic (Fluent) · English (Advanced) · Russian (Intermediate)