

Abdulrahman Eldeeb

Backend Developer (Django)

📍 Fayoum, Egypt | 📞 (+20) 102-671-9792 | ✉️ ar2724@fayoum.edu.eg
🌐 [linkedin.com/in/abd-el-rahman-eldeeb](https://www.linkedin.com/in/abd-el-rahman-eldeeb) | 🐙 github.com/ElDEEB21

Summary

Computer Science graduate and Codeforces Expert focused on backend development with Django and Django REST Framework. Experienced in building production-ready RESTful APIs using Dockerized workflows, token/JWT authentication, automated testing, and OpenAPI documentation. Strong foundation in algorithms and competitive programming.

Professional Experience

Instructor

Sep 2024 – Present

Recode Academy

Fayoum, Egypt

- Teach multiple courses including CS50, C++ programming, algorithms and data structures, and Object-Oriented Programming (OOP) core concepts.
- Deliver structured curriculum covering problem-solving fundamentals, computational thinking, and advanced programming paradigms to diverse student cohorts.

Mentor & Coach

April 2023 – Mar 2025

Fayoum ICPC Community

Fayoum, Egypt

- Mentored 15–20 students in programming fundamentals, data structures, and algorithm techniques to prepare for the Egyptian Collegiate Programming Contest (ECPC).
- Organized programming workshops, training sessions, and coding competitions to enhance programming abilities of community members.

Projects

Recipe API | Django REST Framework, PostgreSQL, Docker, OpenAPI, TDD

Mar 2026 – Apr 2026

- Built a production-style Recipe Management API with user registration, token authentication, profile endpoints, and strict ownership isolation for user data.
- Implemented full CRUD for recipes, tags, and ingredients with advanced filtering (by tags/ingredients), assigned-only queries, and multipart image upload endpoints.
- Applied test-driven development with comprehensive unit tests, health checks, DB readiness workflow, and Docker Compose setup for consistent local and deployment environments.

E-Commerce REST API | Django REST Framework, PostgreSQL, Stripe, JWT, Redis

Feb 2026 – Jun 2026

- Built a production-ready e-commerce API covering user auth, products, cart, orders, and **Stripe** payment processing with webhook-driven status updates.
- Applied **Service Layer & Selector Layer** patterns separating business logic from views and data access across 5 modular Django apps.
- Implemented **JWT auth** with token rotation, blacklisting, HTTP-only cookies, and split settings (base/dev/prod) with auto-generated Swagger docs.
- Added **Redis caching** with tiered TTLs, cache invalidation in the service layer on write operations, and environment-specific cache configurations.

Postify – Modern Blogging Platform | Django MVT, SQLite, Chart.js

Dec 2025

- Developed a full-stack blogging platform with Django MVT, featuring markdown editor, hierarchical comments, and **Google OAuth** via Django Allauth.
- Built a creator dashboard with post analytics, view tracking, Chart.js trend visualization, and a CMS with categories, tags, and auto-generated slugs.
- Organized into 5 Django apps (**core**, **accounts**, **blog**, **comments**, **dashboard**) with custom error pages and search/filter functionality.

Education

Fayoum University

Fayoum, Egypt

Bachelor of Computer Science and Artificial Intelligence

Oct 2022 – Jun 2026

- Relevant Coursework: Object-Oriented Programming, Data Structures, Algorithms Design & Analysis, Operating Systems, Database Management Systems, Computer Architecture

Technical Skills

Languages	Python, C++, SQL, HTML/CSS, JavaScript
Backend	Django, Django REST Framework, Django ORM, Django Allauth, Class-Based Views, ViewSets, Routers
Databases	PostgreSQL, SQLite, MySQL, Redis
APIs & Auth	RESTful APIs, Token Authentication, JWT (SimpleJWT), Permissions, Throttling, Stripe Integration, Webhooks, Swagger/OpenAPI
Architecture	MVT, Service Layer, Selector Layer, Modular App Design, Clean Architecture, Test-Driven Development (TDD)
Tools	Git, GitHub, GitHub Actions (CI/CD), Docker, Docker Compose, Flake8, Postman, pip, virtualenv, django-filter
Data & ML	PyTorch, TensorFlow/Keras, OpenCV, Scikit-Learn, Pandas, NumPy, Power BI
AI-Assisted Dev	Coding agents (opencode, Claude Code), Model Context Protocol (MCP), multi-agent systems, agent orchestration, skill/tool development for AI workflows
Other	Web Scraping (Beautiful Soup, Selenium), Jupyter Notebooks, Google Colab

Competitive Programming

- Codeforces Expert** – Demonstrated strong algorithmic problem-solving skills
- Ranked 17th Place** in 2023 ECPC Qualifications (out of 280 teams)
- Ranked 90th Place** in the 2023 ECPC Final (out of 280 teams)

Certifications

- Build REST APIs with Django REST Framework and Python** – Shubham Sarda (Udemy), 13 hours. Focus: serializers, APIViews/Generic Views, ViewSets & Routers, permissions, auth (Basic/Token/JWT), throttling, filtering, pagination, and API testing with Postman.
- Python Django - The Practical Guide** – Maximilian Schwarzmuller (Academind/Udemy), 23 hours. Focus: Django fundamentals, templates/static files, ORM relationships, forms, sessions, class-based views, file uploads, and deployment workflow.
- Build a Backend REST API with Python & Django - Advanced** – Mark Winterbottom & Brooke Rutherford (Udemy), 15 hours. Focus: Docker, TDD, GitHub Actions CI/CD, Flake8 linting, custom user auth, image upload APIs, filtering/search, and production-oriented project structure.

Soft Skills

- | | | |
|--------------------------|-------------------|-----------------------|
| • Technical Training | • Team Leadership | • Coaching & Feedback |
| • Curriculum Development | • Problem-Solving | • Communication |