AHMED TAREK

Backend Developer (Python/Django Specialist)

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PROFESSIONAL SUMMARY

Results-driven Backend Developer with 2+ years of experience specializing in Python, Django, and Django REST Framework (DRF). Expert in designing scalable Microservices architectures and optimizing system performance using Elasticsearch and Redis caching. Proven track record of reducing database load and increasing site speed by 70%. Proficient in AWS S3 integrations, Docker containerization, and VPS deployment.

TECHNICAL SKILLS

- **Backend:** Python, Django, Django REST Framework (DRF), Microservices Architecture.
- **Database & Caching:** PostgreSQL, MySQL, Redis, Elasticsearch, Query Optimization (select_related).
- **DevOps & Cloud:** Docker, AWS S3, VPS Deployment (Apache/Certbot), Linux, CI/CD.
- **Frontend & Tools:** JavaScript, HTML5/CSS3, Git/GitHub, OpenAI API, Meta Graph API.

PROFESSIONAL EXPERIENCE

The Lean Company | Remote
Backend Developer (Full Stack Responsibilities) | October 2023 – Present

- Developed robust backend systems using Python/Django, collaborating with server admins for VPS deployment.
- **Key Project - Phyzioline (Medical Platform):** Architected a Microservices system to decouple services and support subscription models.
- Achieved a **70% improvement in site speed** by implementing Redis caching and optimizing database queries using select_related.
- Integrated Elasticsearch for typo-tolerant search and managed AWS S3 for scalable file storage.
- **Key Project - Classera:** Built a dynamic CMS with multi-language support and integrated GrapesJS for drag-and-drop page building.
- **Key Project - Fury Digital:** Integrated 4over dropshipping API and multiple payment gateways to automate order fulfillment.

NOTABLE PROJECTS

ATS CV Builder | Python, Django REST Framework, OpenAI API
- Developed a backend service utilizing the OpenAI API to analyze job descriptions and generate keyword-optimized CV content for high ATS compatibility.

Royal Nano (ERP System) | DRF, PostgreSQL, React
- Designed backend architecture for a full-scale ERP (Inventory, Sales, Finance). Implemented Role-Based Access Control (RBAC) for security.

EDUCATION

Information Technology Institute (ITI) | Mansoura, Egypt
9-Month Diploma in Open-Source Application Development | Oct 2022 – June 2023

Mansoura University | Mansoura, Egypt

Bachelor of Computer Science | Oct 2018 – June 2022