

Yahya Ahmed Abdelatif Mahran

Full Stack Developer | Python, Django, FastAPI, JavaScript

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Professional Summary

Full Stack Developer specialized in building scalable, secure, high-performance web applications using Python, Django, FastAPI, and modern JavaScript. Experienced in RESTful API development, database optimization, responsive UI development, Redis caching, asynchronous processing (Celery), and containerized deployment with Docker. Strong focus on clean architecture, performance optimization, and delivering end-to-end production-ready systems.

Education

Bachelor of Science in Computer Science — Arab Open University (Graduation: 2025)

Technical Skills

- Languages: Python, JavaScript, SQL, HTML5, CSS3
 - Backend: Django, Django REST Framework (DRF), FastAPI, RESTful API Design
 - Frontend: JavaScript, AJAX, Bootstrap, Responsive Web Design
 - Databases: PostgreSQL, MySQL, Redis
 - DevOps & Cloud: Docker, Kubernetes, AWS, Linux, Git
 - Architecture: RESTful Architecture, Microservices Concepts, Asynchronous Processing
 - Testing: Unit Testing (pytest) – API Testing (Postman)
 - Security & Optimization: CSRF Protection, Redis Caching, Performance Tuning
 - Payment Systems: Stripe API, PayPal API Integration
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Professional Experience

Full Stack Developer | Freelance Projects — Remote | Jan 2024 – Present

- Developed and deployed 5+ production-grade full stack web applications serving 10,000+ monthly users.
 - Built RESTful APIs using Django & FastAPI and integrated dynamic front-end interfaces using JavaScript & AJAX.
 - Reduced API response time by 60% through Redis caching and database query optimization.
 - Integrated secure Stripe and PayPal payment gateways with PCI-compliant workflows.
 - Designed and tested containerized environments (Docker, Celery, Redis) simulating production-grade architecture.
 - Implemented multilingual support (i18n) and responsive UI to improve user engagement.
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Featured Projects

NatourClinic – Cosmetics E-Commerce Platform

Django, PostgreSQL, Stripe, PayPal, Docker, Celery, Redis

- Built a multilingual full stack e-commerce platform with responsive UI.
- Integrated secure Stripe & PayPal payments.
- Developed order tracking system and admin dashboard.

- Implemented asynchronous email notifications (Celery & Redis).
 - Contributed to 40% sales growth through UX and performance improvements.
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GreenZag – Water Pipes & Treatment Company Website
Django, DRF, PostgreSQL, Redis

- Developed full stack web application with RESTful APIs.
 - Implemented multilingual support (Django i18n).
 - Built dynamic UI components and subscription-based email notifications.
 - Deployed with performance optimization and caching strategies.
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Rovana Trade – Cost Calculator System
Django, AJAX, JavaScript

- Built an interactive real-time cost calculator using AJAX.
 - Implemented instant dynamic updates without page reload.
 - Improved SEO using sitemap.xml & robots.txt.
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ElHayahGroup – Real Estate Platform
Django, PostgreSQL, JavaScript

- Developed full stack property listing and management platform.
 - Implemented dynamic search and filtering system.
 - Built related listing recommendation feature.
 - Enabled real-time communication between users and admin.
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Soft Skills

Problem Solving | Agile Collaboration | Client Communication | Fast Learner | Team Leadership

Language Skills

- Arabic: Native
- English: Advanced (B2)