

# Yahya Ahmed Abdelatif Mahran

## Full Stack Developer (Python | Django | FastAPI)

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- Full Stack Developer with 4+ years of experience building scalable, secure, and high-performance web applications using Python, Django, FastAPI, and RESTful APIs. Proven expertise in payment gateway integration (Stripe, PayPal), performance optimization with Redis caching, and containerized deployment using Docker and Kubernetes. Experienced in cloud environments (AWS), Agile development, and delivering user-centric solutions with internationalization (i18n) and mobile-responsive design.

### 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: Bootstrap, AJAX, JSON, Responsive Web Design
- Databases: PostgreSQL, MySQL, Redis (Caching & Message Broker)
- DevOps & Cloud: Docker, Kubernetes (Local Cluster Setup), AWS, Linux, Git
- Security & Optimization: CSRF Protection, Caching (Redis), Performance Tuning, SEO
- Payment Systems: Stripe API, PayPal API Integration
- Other: Internationalization (i18n), Celery (Async Tasks), Telegram Bot API

### Professional Experience

#### Full Stack Developer | Freelance Jan 2024 – Present | Remote

- Developed and deployed 5+ production-grade web applications using Django and FastAPI, serving 10,000+ monthly users.
- Integrated Stripe and PayPal payment gateways with PCI-compliant workflows, increasing conversion rates by 40%.
- Reduced API response time by 60% through Redis caching, query optimization, and asynchronous task handling with Celery.
- Designed and tested a local Kubernetes cluster (using Docker, Django, Celery, Redis) to simulate production-grade microservices architecture — enabling future CI/CD pipeline readiness.
- Implemented internationalization (i18n) and responsive UIs, improving user engagement across Arabic and English markets.

## Featured Projects

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### Featured Projects

- **Cosmetics E-Commerce Platform** | Django, PostgreSQL, Stripe, PayPal, Docker, Celery, Redis
- Built multilingual store with i18n, secure checkout, and async email notifications.
- Containerized app with Docker; improved sales by 40%.
  
- **Bucharest Café** Ordering System | Django, Telegram Bot API
- Enabled cash-on-delivery with real-time Telegram alerts to staff.
  
- **Rovana Trade** Cost Calculator | Django, AJAX, JavaScript
- Automated pricing logic with instant AJAX results; added SEO via sitemap & robots.txt.

### Soft Skills

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Soft Skills: Problem Solving | Agile Collaboration | Client Communication | Fast Learner | Team Leadership

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### Language Skills

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Arabic: The Native tongue

English: Advanced Speaker B2.