

# Muhamed Fahmy

## Senior Software Engineer

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### SUMMARY

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Senior Software Engineer with 7+ years building, scaling, and rescuing production platforms across automotive, biotech, fintech, and edtech. Former core contributor to Ureed.com – worked across the entire Django codebase from database optimization to third-party integrations to solo feature builds. After Tarjama, went independent, joined the Toptal top 3%, co-founded a startup, then built and ran a crisis engineering consultancy rescuing failing tech projects. Looking to bring everything learned back to focused, high-impact engineering work.

### EXPERIENCE

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#### Founder & CEO – Enigma

Nov 2023 – Present

*Crisis engineering consultancy for stalled, over-budget, or failing tech projects.*

- Led mission-critical software engineering for Saudi Army defense operations
- Retained post-funding by ArmstrongEdu to re-architect legacy systems for scale
- Core Engineer for multiple AI startups (Wondercraft.ai, Benno.ai, Cybertron-Labs.com, Circadia.ai), shipping MVPs and optimizing pipelines
- Managed full lifecycle recovery and launch for Oshops (mobile) and Kimotive
- Delivered technical infrastructure for Psychometrica.org

#### Co-Founder & CTO – Civi (civi.digital)

Jul 2023 – Present

*Remote*

- Built the MVP from zero, established engineering culture, and owned the product roadmap
- Transitioned from Lead Consultant to Co-Founder/CTO to drive long-term technical vision

#### Senior Software Engineer – Toptal (Top 3% Network)

Nov 2022 – Jul 2023

- Private Jet Services: Rapid deployment for aviation logistics systems
- Civi: Initial MVP architecture and backend (prior to joining as Co-Founder)
- YallaPlus: Full-stack development with focus on architectural integrity

#### Independent Software Consultant

Aug 2021 – Nov 2022

*Remote*

- MindTales: Backend refactoring and feature integration for a wellness platform
- ShopX & ArmstrongEdu: Payment gateway integrations and core module development
- Hyde Park House: Modernized legacy hospitality management systems

## Software Engineer — Tarjama& (Ureed.com)

Mar 2020 – Aug 2021

Remote · Core contributor across all major Django modules (wallet, services, freelancers, clients).

- Debugged a Celery background task bug on day one involving hardcoded database IDs referencing missing records
- Led the solo migration of Ureed's backend from a translation platform to a multi-freelancer marketplace
- Optimized a critical initial-settings API by replacing expensive queries with a pre-built static JSON payload, drastically reducing load times
- Identified and resolved a cascade deletion issue caused by a database-level lock, tracing the root cause through the ORM layer
- Eliminated N+1 query patterns and optimized database queries across multiple modules
- Integrated third-party services including Algolia (search) and Checkout.com (payments)
- Built core feature logic including the timesheet system
- Collaborated with the data science team to build dashboards and provided SQL-based reports for the operations team

## Software Engineer — Workstation Coworking Space

Aug 2018 – Mar 2020

Alexandria, Egypt · Lead in-house engineer owning the full development lifecycle.

- Built and maintained custom booking and membership management software
- Translated business requirements into functional code supporting daily operations

## SKILLS

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Python

Django

FastAPI

Celery

PostgreSQL

REST APIs

React

Next.js

Tailwind CSS

System Architecture

AWS (EC2, S3)

Algolia

Database Optimization

Debugging & Root Cause Analysis

NLP

Git

CI/CD

Technical Leadership

Third-Party Integrations

## EDUCATION

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Alexandria University — Computer Engineering · 2017 – 2018

Alexandria University — Pharmaceutical Sciences · 2015 – 2017