

Mohamed Yasser

Software Engineer | Systems Integration & Delivery Consultant

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EDUCATION

Egypt-Japan University of Science and Technology (E-JUST) October 2023 – June 2027
B.Sc. in Computer Science, CGPA: 3.5/4.0 Alexandria, Egypt
• **Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Databases, Networking

EXPERIENCE

Associate Delivery Consultant October 2025 – Present
Monglish International Academy (promoted from IT Specialist, July 2025) Hybrid, Egypt

- Spearheaded delivery of 3 enterprise platforms (ERP, CRM, LMS) to 200+ users; drove LMS feature releases (Vue · Vite · PHP/Laravel) and a multi-locale Next.js company website
- Partnered with stakeholders to translate operational needs into 15+ BRDs, PRDs, and SRS documents, accelerating vendor build cycles
- Facilitated 10+ stakeholder workshops and UAT cycles, coordinating with 3 vendors to triage 50+ defects before production release

Head of Cybersecurity November 2024 – May 2025
IEEE Computer Society, E-JUST Student Branch — Best Member Award Alexandria, Egypt

- Led the cybersecurity track — designed and instructed sessions for the student branch while mentoring team members on content delivery
- Orchestrated a university-wide Capture-the-Flag competition with sponsored prizes, owning challenge design, infrastructure, and participant onboarding

PROJECTS

Student Information System (SIS) *React · Express · Prisma · Docker · Azure* March 2026 – Present

- Architecting an ongoing freelance university SIS: 12-model Prisma schema exposed via 70+ REST endpoints across 10 domains with 4 role tiers
- Shipped a 30-route React SPA (Shadcn, TanStack) and Docker stack (MinIO, Redis, BullMQ), deployed on Azure behind a Load Balancer for horizontal scaling

Event Management System *Laravel · PHP · MySQL · REST · Docker* November 2025 – December 2025

🔗 Source Code

- Built a full-stack event platform with 60+ entities, 70+ tables, and 45+ REST endpoints for organizers, vendors, and attendees
- Engineered a 3NF MySQL schema that cut registration time by 60%; hardened the Dockerized stack with OWASP controls (validation, parameterized queries, CSRF, RBAC)

Retail Operations Management System *Django · Python · SQLite* September 2024 – December 2024

🔗 Source Code

- Delivered a Django internal tool automating 6 service types, inventory, deliveries, and loyalty for a retail team — reduced manual daily tasks by 60%
- Modelled 9 entities across 32 CRUD endpoints with an abstract delivery base (3 subtypes), atomic F()-expression inventory decrements, and a fully Arabic (RTL) UI

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, C/C++, PHP, Go, SQL
- **Frameworks:** React, Next.js, Vue, Vite, Node/Express, Laravel, Django, Go Fiber, Flutter, jQuery
- **Data & Cloud:** PostgreSQL, MySQL, SQLite, Firebase, Azure (AZ-900), AWS, Docker, Git, Linux, CI/CD
- **Consulting:** BRD/PRD/SRS, Use Case Modeling, Stakeholder Management, Vendor Coordination, UAT

CERTIFICATIONS

- **Technology Job Simulation** — Deloitte, Forage
- **Project & Product Management** — Sprints
- **IBM Full Stack Software Developer** — Coursera
- **Azure Fundamentals (AZ-900)** — Microsoft