

Ziad Sherif

Full Stack Software Engineer

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EDUCATION

- Ain Shams University** Cairo, Egypt
Bachelor of Science in Computer Science. September 2020 - June 2024

EXPERIENCE

- T-Mining** Belgium - On Site
Full Stack Engineer November 2025 - September 2026
 - Worked across a **microservice architecture** of **8 services** on the **SCR (Secure Container Release)** platform, delivering backend features including transactional **MJML** email templating and managing application **deployments on AWS**.
 - Architected a **Micro Frontend** system across **8 independently deployable modules**, including a **shared component library** ensuring cross-module layout consistency and design standardization, leading all frontend architecture decisions.
 - Led **React.js** performance optimization across the **SCR** platform, improving load times by **60%** while spearheading the **v1.5 system migration** to a scalable, maintainable architecture.
 - Built automated end-to-end browser test suites with **Playwright**, and collaborated directly with **stakeholders** and **cross-functional teams** to translate business requirements into technical solutions.
- Prameg** KSA - Remote
Full Stack Engineer June 2024 - August 2025
 - Developed **ERP** features in **Java** across a **3-microservice architecture**, implementing business logic and service-to-service integrations for internal operations.
 - Optimized database access by replacing **ORM**-generated queries with hand-tuned **SQL**, significantly reducing query execution time on high-volume reporting endpoints.
 - Created a **20+** page interactive dashboard in **React.js** and **TypeScript** and integrated **250+ REST APIs** for real-time analytics and business reporting, streamlining data flow across services.
 - Enhanced performance with **Redux** state management and advanced memoization, managing **25+** application states while reducing rendering times and delivering highly responsive interfaces.
- JMI Digital Agency** Egypt - On Site
Full Stack Engineer September 2023 - June 2024
 - Automated marketing workflows using **Python** scripts, streamlining **10+** daily processes, cutting manual work by **50%**, and improving team efficiency by **40%** through optimized task execution.
 - Designed web scraping tools with **Selenium** and **BeautifulSoup**, extracting data from **5+** sources, increasing lead generation by **30%**.
- MWG Digital Agency** Egypt - On Site
Full Stack Engineer Aug 2022 - Sep 2023
 - Launched and maintained **10+ E-Commerce Stores** using **Shopify** and **Angular**, integrating Payment Gateways, Shipping Companies, and Multi-Language Support for fully localized customer experiences.
 - Developed Responsive Websites in **Angular**, delivering Fast, Scalable, and User-Friendly Interfaces with a **Mobile-First Approach**, doubling Client Retention.

PROJECTS

- Meshwar EG** Egypt
Ride Hailing Startup React.js - Node.js - Docker
 - Founding Full Stack Engineer** on a ride-hailing platform serving **30k+** users across platforms, managing scalable backend services handling **100+ daily rides** (**Android**, **iOS**).
 - Engineered and maintained **7 microservices** in **Node.js**, containerized with **Docker**, deployed on **Kubernetes**, and reinforced with automated **CI/CD** workflows.

- Delivered a **React.js** dashboard enabling real-time data tracking of rides and payments.

NeoPlus

UAE

Membership & Community Platform

Next.js

- Engineered a platform connecting members with exclusive learning and social experiences, resulting in **5,000+** active users and a **30%** increase in partner engagement.
- Integrated Stripe for secure checkout payments generating over **\$10k** in online sales.
- Designed and implemented a responsive, SEO-optimized frontend architecture in **Next.js**, ensuring fast load times, high accessibility scores, and a seamless cross-device user experience.

Salwa

Kuwait

E-Commerce Mobile App

React Native - Next.js - Supabase

- Shipped a production e-commerce mobile app in **React Native** serving the Kuwait market, integrated with **MyFatoorah** payment gateway and published on both [App Store](#) and [Google Play](#).
- Built the full backend on **Supabase/PostgreSQL**, covering schema design, authentication, storage, and access policies for products, orders, and users.
- Developed a **Next.js** admin dashboard to manage all system entities including products, orders, and users, enabling full operational control of the platform.

Hodori

Kuwait

Multi-Tenant School Attendance SaaS

React Native - Next.js - Supabase

- Built a multi-tenant attendance platform serving **4 role-based surfaces** (super-admin, admin, supervisor, teacher) on a single **Supabase/PostgreSQL** backend, enforcing per-school data isolation across **15+ tenant-scoped tables** through **Row-Level Security** and **30+ server-side RPCs**, delivered over **80 database migrations**.
- Shipped the **React Native** mobile app for teachers and supervisors with offline-first attendance sync, push notifications, and full **Arabic/English RTL** localization, published on both [App Store](#) and [Google Play](#).
- Developed a **Next.js** admin dashboard with **20+ pages** covering student rosters, staff management, attendance analytics, audit logs, and subscription billing, plus automated **cron jobs** and **Sentry** monitoring for production reliability.

Warehub

Egypt

Warehouse & Inventory Management System

Next.js - Shopify

- Developed a full-stack warehouse management system with a **Next.js** dashboard, enabling live inventory tracking, order management, and real-time sync with **Shopify** stores.
- Integrated shipment status tracking across multiple shipping companies, providing end-to-end visibility into warehouse operations and outbound logistics.

SKILLS

• Languages:	JavaScript, TypeScript, Python, Java, SQL, HTML5, CSS3, SASS
• Frameworks & Libraries:	React.js, Next.js, React Native, Angular, Node.js, Express.js, Redux, GraphQL, Django, Tailwind CSS
• Databases:	PostgreSQL, MySQL, MongoDB, Redis, Supabase
• Cloud & DevOps:	AWS, GCP, Firebase, Kubernetes, Docker, GitHub Actions, Vercel, Nginx, Linux, Webpack, Vite
• Testing & Tools:	Jest, React Testing Library, Playwright, TDD, Unit Testing, Git, REST APIs, OAuth, Agile, Scrum, Jira
• Architecture:	Microservices, Micro Frontends, System Design, API Design, Multi-Tenancy, Event-Driven, CI/CD Pipelines