

Louise Yousre

Software Engineer | Backend Web Developer | Full Stack Web Developer

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SUMMARY

Versatile full-stack developer with a strong foundation in backend and frontend development, database architecture, and system optimization. Skilled in designing scalable applications, creating seamless user experiences, and deploying secure, high-performance solutions. Passionate about problem-solving, innovation, and continuous learning to stay ahead of industry trends. Dedicated to building efficient, user-friendly, and impactful digital products.

PROJECTS & WORK EXPERIENCE

Mimi (a full management system for a multi-branch watch) EGYPT
Full-Stack Web Developer (Freelancing) 29 Sep 2025 – 7 Nov 2025

- Designed and developed “Mimi”, a full management system for a multi-branch watch and clock company.
- Implemented a granular Users & Permissions module with role-based access control.
- Built a flexible Catalog module including categories, products, and multi-location inventory tracking.
- Created a Cash Management suite covering cash registers, settlements, and daily cash operations.
- Developed Supplier and Customer Management modules with support for orders, returns, and account history.
- Integrated a fast, user-friendly POS interface optimized for branch-level sales operations.
- Delivered an intuitive dashboard/home interface summarizing key branch metrics and operational insights.
- Main Technologies Used: PHP/Laravel, Blade.
- System’s URL: <https://system.mimi-eg.com/>

Mabet (a platform transforming real estate management) SAUDI ARABIA (REMOTELY FROM EGYPT)
Backend Web Developer (Part-time - Remotely) Feb 2025 – NOW

- Implemented integration with Bayut (another platform) for **syncing property listings**.
- **Developed external bookings functionality**, enabling property owners to accept reservations **from non-app** users via secure digital contracts (integrated **Nafath, URWay, and Tabby**).
- Implemented a feature to **allow property owners** (partners) to **have account managers** with **various permissions** to manage their account. And **discovered/fixd some crucial security concerns**.
- **Enhanced authentication** by introducing **OTP login** for the partners’ app while maintaining backward compatibility.
- **Developed a flexible iframe-based reservation system** with API-key authentication, expiry controls, and security features — **converting a planned Bayut-only integration into a reusable third-party solution**. Advised Bayut on adopting this embedded approach to improve engagement over traditional URL redirects.
- **Rebuilt the company’s chat service** from scratch in GoLang to replace a slow, buggy legacy system after repeated fixes from their side failed.
- Built a more detailed user-friendly instructions (entering, arrival, exit, wifi ... etc) managing feature serving the partners and customers apps in addition to the website.
- Main Technologies Used: PHP/Laravel, GoLang (Fiber/WebSockets).
- Company’s Website: <https://mabet.com.sa/en>

TYMER (a startup redefining freelancing in real-world) EGYPT
Full-Stack Web Developer (Freelancer) Jul 2024 – Mar 2025

- Designed and built the entire backend, dashboard, and landing page.
 - Architected the database and developed a robust API using PHP/Laravel.
 - Built an internal HTTP service in Rust for high-performance Map Points Clustering, achieving results beyond PostGIS capabilities.
 - Developed the dashboard with React, TypeScript, Shadcn/UI, and Tailwind for a modern and responsive UI.
 - Implemented a landing page based on client requirements to ensure a strong online presence.
- Main Technologies Used: PHP/Laravel, Laravel Reverb, Redis, Postgres (with PostGIS), and React and NextJS.
- Dashboard : <https://dashboard.tymer-eg.com>
- Landing Page : <https://www.tymer-eg.com>

- Developed & Deployed a Complete Business Solution.
 - Student Management (profiles, payments, group management, attendance tracking).
 - Financial Tracking (expenses, leads, calls, installment payments).
 - Evaluation & Placement Tests.
 - Statistical Module (detailed data analysis & insights).
 - Role-Based Access Control (General Manager, Manager, etc.).
 - Realtime Capabilities instant updates & seamless interactions.
 - Receipt Printing (Web Serial API integrated with XPrinter POS).
 - Handled Deployment & Infrastructure, including:
 - Server configuration & optimization for smooth operations.
 - Domain registration for system accessibility.
 - Expanded System with a Flutter Mobile App (Later switching to React Native), enabling students to
 - Watch course-related videos.
 - Access learning materials securely.
 - Replaced embedded YouTube videos with self-hosted content employing HLS streaming via R2 storage and CDN, enhancing performance, reliability, and content control.
 - Ongoing Maintenance & Feature Enhancements, ensuring the system remains stable, powerful, and adaptable to evolving business needs.
- Main Technologies Used: NodeJS (NestJS), TypeScript, MongoDB, ReactJS, Cloudflare R2, Cloudflare CDN, HLS (HTTP Live Streaming), Flutter, and React Native.
- Dashboard Link : <https://www.gflanguage.center>
- Play Store Link : <https://play.google.com/store/apps/details?id=center.gflanguage.gfstudent&hl=en>
- App Store Link : <https://apps.apple.com/us/app/gf-student/id6465033064>

VOLUNTEER EXPERIENCE

GOOD SAMARITAN SERVICE, EL-KARMA FAMILY

Apr 2023 – Dec 2023

- Developed a flutter application for them (each one a copy with some modifications) to mark the places of the beneficiaries of their services on the map (Embedded Google Maps) and record some more information about them and notes (On Firebase Firestore).
- Kept maintaining and improving it for a while.
- Main Technologies Used: Flutter, and Firebase.

SKILLS

General Technical Skills: OOP, SOLID, MVC, Clean Code, Data Structures, REST APIs, WebSockets, Authentication & Authorization (JWT, OAuth2), HTTP Caching, API Documentation (Postman, Swagger/OpenAPI)

Programming Languages: PHP, JavaScript, TypeScript, GoLang, Python, Rust

Frameworks & Runtimes: Laravel (Sanctum, Echo, Reverb, Livewire, Volt), InertiaJS, NodeJS, BunJS, ExpressJS, NestJS, Fiber (Go), Echo (Go)

Frontend Web Skills: HTML, CSS, Bootstrap, TailwindCSS, React, NextJS

Databases & Caching: PostgreSQL, MySQL, SQLite, MongoDB, Redis

Cloud, Storage & Deployment: Linux, Git & GitHub, GitHub Actions (CI/CD), Docker (Basics), Docker Compose (Basics), Nginx, DNS & Domain Management (Namecheap, GoDaddy), Deployment (DigitalOcean, Hetzner, Contabo, CloudClusters), S3-Compatible R2 Storage, Cloudflare CDN & Caching, HLS (HTTP Live Streaming)

Mobile Development: Flutter, Firebase (Firestore, Auth)

Languages: Native Arabic Speaker, Very Good English

Certifications & Training: Web Development Professional Nanodegree (Udacity – EGFWD), Introduction to Freelancing (Creativa), Introduction to Mobile Application Development (Creativa)

EDUCATION

EL-MINYA UNIVERSITY

Bachelor of Tourism and Hotels, Tour Guidance Department

El-Minya, Egypt
Sep 2020 - Jun 2024