

# Ziad Sherif

Full Stack Software Engineer

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LinkedIn — Github — Portfolio

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## SKILLS

JavaScript (React.js, Next.js, Node.js, Angular), Python (Flask, Django, FastAPI), C++, Java, PHP, PostgreSQL, MySQL, MongoDB, Docker, Kubernetes, AWS, Object-Oriented Programming (OOP), Web Scraping, System Design, Algorithms, Data Structures (**750+** problems solved), REST APIs, Microservices, Machine Learning (CNNs), Agile

## EXPERIENCE

- **Odoo**  
*Software Engineer*

Belgium - On Site  
Jun 2025 - Sep 2025

  - Engineered a new **Accounting Module** in **Python/PostgreSQL**, enabling Advanced Financial Workflows, improving Automation, and extending Support for Complex Enterprise-Grade Scenarios.
  - Enhanced and localized **Accounting Features** across **10+ European Regions**, ensuring Regulatory Compliance, increasing Client Adoption, and strengthening Odoo's presence in international markets.
- **Meshwar EG**  
*Co-Founder & Founding Engineer*

Egypt - Hybrid  
Jul 2024 - Present

  - Launched a Ride-Hailing Platform serving **15,000+ Users**, while designing and managing Scalable Backend Services handling **100+ Daily Rides** with **99% Uptime**, ensuring Reliability and Data Security.
  - Built and maintained **7 Microservices** in **Node.js**, exposing **400+ REST APIs**, containerized with Docker, deployed on Kubernetes, and reinforced with Automated CI/CD Workflows and Monitoring Tools.
  - Delivered **Next.js** dashboard integrating **200+ APIs** enabling Real-Time Tracking of Rides and Payments.
- **Prameg**  
*Software Engineer (Frontend Focus)*

Saudi Arabia - Remote  
Jun 2024 - Jun 2025

  - Created **20+ Interactive Dashboards** in **React.js**, improving Data Visualization, enhancing Reporting Accuracy, and boosting User Engagement by **60%** across internal and client-facing platforms.
  - Integrated and optimized **250+ APIs** for Real-Time Analytics and Business Reporting, streamlining Data Flow across services, reducing Latency, and ensuring Smooth, Scalable Operations.
  - Enhanced Frontend Performance with **Redux State Management** and Advanced Memoization, managing **25+ Application States** while reducing Rendering Times and delivering highly Responsive Interfaces.
- **JMI Marketing Agency**  
*Software Engineer*

Egypt - Hybrid  
Sep 2023 - Jun 2024

  - Automated Marketing Workflows using **Python Scripts**, streamlining **10+** daily processes, cutting Manual Work by **50%**, and improving Overall Team Efficiency by **40%** through optimized task execution.
  - Engineered Web Scraping Tools with **Selenium/BeautifulSoup**, extracting Data from **5+ Sources**, which increased Lead Generation by **30%** and improved Profit Analysis Accuracy by **22%** for strategic reporting.
- **MWG Marketing Agency**  
*Software Engineer*

Egypt - Hybrid  
Aug 2022 - Sep 2023

  - Launched and maintained **10+ E-Commerce Stores** using **Shopify/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**, which increased Client Retention and ultimately by **2x**.

## PROJECTS

- **Neo Plus**  
*Online Event Booking Platform*

Next.js - PHP Filament

  - Developed a scalable platform in **Next.js/PHP-Filament** with **Stripe Integration**, enabling secure payments, membership management, and automated booking flows that boosted total Sales by **60%**.
- **Music Recognition System**  
*Machine Learning Project*

Python - CNN - Flutter

  - Built and trained a **CNN-based Model** in **Python/Flutter**, achieving **93% Training Accuracy** and **77% Real-World Accuracy** for music identification through audio recognition.

## EDUCATION

- **Ain Shams University**  
*Bachelor of Science in Computer Science*

Cairo, Egypt  
Sep 2020 - Jul 2024