

# Mahmoud Ibrahim

## Senior Frontend Developer

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## PROFESSIONAL SUMMARY

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Senior Frontend Developer with 4+ years of experience building enterprise-grade web applications across banking, insurance, government, and education sectors. Proven track record as sole Frontend Owner on large-scale projects (AXA Insurance), with hands-on experience mentoring developers and stepping into leadership roles when needed. Deep expertise in Angular ecosystem, NgRx state management, GraphQL, responsive design, and unit testing with Jest. Committed to clean architecture, code quality, and delivering exceptional user experiences.

## PROFESSIONAL EXPERIENCE

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### Frontend Developer

03/2025 – Present

#### EJADA • Nasr City, Egypt

- ▶ Working on multiple banking and financial projects including Zatca (Tax & Compliance) and Al Rajhi Bank.
- ▶ Actively mentoring team members on Zatca project — providing technical guidance, code reviews, and best practices to ensure quality delivery and knowledge sharing across the team.
- ▶ Acted as Tech Lead for one week during team lead absence — coordinated developer team, conducted daily status meetings, resolved technical blockers, and delivered sprint estimations to project manager.
- ▶ Implementing dynamic and custom services architecture for the Zatca project, improving system scalability, flexibility, and maintainability.
- ▶ Identified and resolved critical performance bugs in the Al Rajhi Bank project using profiling tools and optimization techniques.
- ▶ Designed and implemented POS features and secure profile authentication modules for banking applications.
- ▶ Optimized the Takaful (employee insurance) module, achieving approximately 90% performance improvement through code refactoring and efficient state management.
- ▶ Collaborated cross-functionally with backend teams, QA, and UX designers throughout the full project lifecycle.

### Frontend Developer

05/2023 – 03/2025

#### Hypercell • Maadi, Egypt

- ▶ Served as sole Frontend Owner/Developer of AXA Insurance Maribou Pro (Phase 1 & Phase 2) — independently responsible for the entire frontend codebase, architecture decisions, feature implementation, and delivery.
- ▶ Rebuilt Phase 1 of AXA project from scratch for improved scalability, maintainability, and performance, then led Phase 2 feature development end-to-end.
- ▶ Provided technical mentorship and task assignment to a junior developer on the Afrexim Bank project, ensuring code quality, best practices adherence, and timely delivery.
- ▶ Implemented critical banking features including refund flows, recovery processes, KYC (Know Your Customer) module, facility management, e-banking, and comprehensive dashboard metrics.
- ▶ Enhanced UI/UX across multiple projects, ensuring pixel-perfect responsive design and cross-browser compatibility.
- ▶ Worked on parallel high-complexity projects including Dubai Police Partnership System and Sharjah Private Education Authority platform.
- ▶ Wrote unit tests using Jest for key components and services, improving code reliability, maintainability, and reducing regression bugs.

## Frontend Developer

08/2022 – 04/2023

**Valsquad** • Dubai, UAE (Remote)

- ▶ Built web applications from scratch by converting Figma and PSD designs into fully functional, production-ready Angular applications.
- ▶ Implemented responsive layouts ensuring pixel-perfect accuracy and compatibility across all screen sizes and modern browsers.
- ▶ Collaborated closely with backend developers and UX/UI designers to deliver seamless, intuitive user experiences.
- ▶ Fixed bugs and optimized frontend performance to maintain application stability, speed, and user satisfaction.

## TECHNICAL SKILLS

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### Frontend Core

HTML5

CSS3

JavaScript

TypeScript

ECMAScript (ES6+)

### Frameworks & Libraries

Angular

NgRx

RxJS

Angular Material

PrimeNG

### Styling & UI

SCSS

Tailwind CSS

Bootstrap

Materialize

Responsive Design

### APIs & Testing

REST API

GraphQL

Socket.js

Jest (Unit Testing)

Chart.js

### Tools & Practices

Git / GitHub

Figma

Adobe XD

Photoshop

Agile / Scrum

## KEY PROJECTS

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### Zatca — Tax & Compliance Platform

**Role:** Senior Frontend Developer + Mentor + Acting Tech Lead (1 week)

**Technologies:** Angular, Dynamic Services Architecture, REST API, SCSS, Tailwind

**Highlights:** Architected dynamic and custom services for scalability. Actively mentor team members on technical challenges and best practices. Stepped into tech lead role, coordinating team and delivering manager estimations.

### AXA Insurance — Maribou Pro (Phase 1 & Phase 2)

**Role:** Sole Frontend Owner/Developer

**Technologies:** Angular, Angular Material, SCSS, Tailwind, REST API, Socket.js

**Highlights:** Complete ownership of frontend codebase across two major phases. Rebuilt Phase 1 for scalability and maintainability. Implemented P&C policies automation, claims processing, refund/recovery flows, and full UI/UX redesign. Delivered end-to-end without external frontend support.

### Afrexim Bank — Customer Portal

**Role:** Frontend Developer + Junior Dev Mentor

**Technologies:** Angular, Angular Material, GraphQL, SCSS, Tailwind

**Highlights:** Developed KYC feature, facility flow, e-banking modules, and interactive dashboard with company/employee metrics. Mentored junior developer through task assignment, code reviews, and pair programming. Ensured code quality and on-time delivery.

### Al Rajhi Bank — Banking System

**Role:** Senior Frontend Developer

**Technologies:** Angular, REST API, SCSS

**Highlights:** Built POS features and secure multi-factor authentication. Optimized Takaful (insurance) module achieving 90% performance improvement through profiling, lazy loading, and state management optimization.

## Dubai Police — Partnership Management System

**Technologies:** Angular, Angular Material, Chart.js, REST API, SCSS, Tailwind

**Highlights:** Developed sponsors module, interactive country collaboration map with geolocation, and comprehensive management dashboard. Ensured responsive design and accessibility standards.

## Sharjah Private Education Authority

**Technologies:** Angular, PrimeNG, REST API, SCSS, Tailwind

**Highlights:** Built parents portal, feedback reports system, multi-child management, class transitions, exam results display, and school admission eligibility checker. Improved user engagement through intuitive UX and clear information architecture.

## EDUCATION

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### 9-Month Intensive Diploma — Web & UI Development

10/2021 – 06/2022

**Information Technology Institute (ITI)** • Ismailia Branch, Egypt

Competitive government-sponsored program covering full-stack web development, UI/UX principles, responsive design, modern JavaScript frameworks, and software engineering best practices.

### B.Sc. Information Systems

09/2017 – 06/2021

**Faculty of Computers & Informatics — Zagazig University** • Zagazig, Egypt

- Graduation Project: AI-powered lung and colon cancer diagnosis system using histopathology images — achieved 90% accuracy using Machine Learning algorithms (CNN, image processing), Angular frontend, and Node.js backend.

## PROFESSIONAL COMPETENCIES

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Technical Leadership   Team Mentoring   Independent Problem Solving   Communication   Code Reviews

Adaptability   Work Under Pressure   Quick Learner   Agile Mindset   Stakeholder Management

## LANGUAGES

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**Arabic** — Native   |   **English** — Professional working proficiency