Mahmoud Mohamed Ghonamie

Frontend Team Lead

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PROFILE

Frontend Team Lead with 6 years of experience building scalable, high-performance web applications across fintech, construction, and edtech. Proven track record leading engineering teams, driving Angular/React architecture decisions, and delivering measurable performance gains (Angular Signals migrations, sub-100KB bundle reductions). Experienced in hiring, mentoring, and coaching engineers, and in setting technical direction across multi-product platforms serving millions of users.

WORK EXPERIENCE

Frontend Team Lead — Paysky

Nov 2024 – Present

Fintech company delivering payment and digital banking solutions | Cairo, Egypt (Hybrid)

- Led the frontend team as Acting Team Lead for the first 6 months, then officially promoted to **Frontend Team Lead** — reviewing code and defining frontend architecture.
- Conducted technical interviews for hiring frontend engineers; managed intern onboarding, designing learning materials and structuring their training schedule.
- Championed adoption of **AI-assisted development tools** across the team, coaching engineers on effective usage; delivered knowledge-sharing sessions for the wider Frontend Chapter.
- Reviewed application security and ensured adherence to frontend best practices.
- Migrated the MoMoMarket Tribe platform to **Angular 18**, then led a full rewrite of the **merchant portal** and **storefront system** using **Angular Signals**, cutting bundle size by ~96.8 KB and reducing individual chunk sizes by up to 604×.
- Implemented **Service Worker/PWA caching** strategies to improve frontend load performance; enhanced the codebase to achieve stronger **SEO and accessibility** scores.
- Authored the **Dockerfile** for the frontend systems and integrated frontend components with secure RESTful APIs across a large-scale fintech platform.
- Received an **Outstanding** rating in performance review.

Skills: Angular 18, Signals, RxJS, React, TypeScript, Tailwind CSS, SCSS, Docker, Git, REST APIs, PWA/Service Workers, SEO, Accessibility

Frontend Team Lead — Sympl

Sep 2023 – Mar 2026

BNPL (Buy Now, Pay Later) fintech platform | Part-time | Cairo, Egypt

- Built the **BNPL pricing widget** as a Web Components–based, embeddable merchant product-page widget, owning and maintaining the offer/tenure configuration pipeline.
- Built most of the **Admin portal** for the business team, adopting a clean architecture approach for the frontend — including the Segments module (end-to-end CRUD), Promo Codes, Transactions/Operations, and Wallet features.
- Worked on the **Next.js checkout experience**, refactoring it for cleaner code and to match evolving business requirements.
- Supported the business team with **merchant on-call integrations**, joining calls with merchant teams (e.g., Shopify implementations) to troubleshoot and resolve widget integration issues.

Skills: Angular 12, Angular Material, RxJS, Web Components, Next.js 13, React 18, TypeScript, Jotai, Tailwind/daisyUI, Clean Architecture, i18n (EN/AR, RTL), Sentry, Karma/Jasmine

Senior Frontend Engineer — T-Vencubator

Oct 2023 – Jan 2025

Multi-product fintech venture builder | Cairo, Egypt (Hybrid)

- Built features across a multi-product fintech platform spanning fleet fuel-card management (Tafweela), school-fee wallet & lending (Zeyada), and shared merchant-settlement/MDR services — serving enterprises, service providers, schools, and internal operations teams.
- Delivered **role-based access control (RBAC)** across enterprise, service-provider, and internal-ops dashboards, fixing permission bugs affecting financial-manager and operations roles (Tafweela).
- Integrated a new **MDR (merchant discount rate) microservice** into the Zeyada admin console via git submodules and multi-environment configuration; fixed a middleware/super-admin RBAC authorization bug.
- Contributed to merchant/category/settlement **CRUD workflows** — enterprise, branch, and supplier onboarding, IBAN/bank validation, and settlement flows.
- Worked within a **micro-frontend architecture** (Webpack Module Federation, later migrated to git-submodule composition), splitting the platform into independently deployable services.
- Maintained code quality through Jest/React Testing Library, Cypress e2e, SonarQube gating, and Husky pre-commit hooks; implemented EN/AR i18n and Sentry error tracking/session replay in production dashboards.

Skills: React 18, TypeScript, Redux Toolkit, RTK Query, Ant Design, Styled Components, Webpack 5, Module Federation, Jest, Cypress, SonarQube, react-intl, Sentry, Google Maps API

Software Engineer — Orascom Construction PLC

Apr 2021 – Oct 2023

Multinational construction and engineering contractor | Cairo, Egypt

- Worked as a full-stack developer, building both frontend (Angular) and backend (.NET Core) components for critical internal systems serving **10,000+ employees**, including a mass transportation and tracking platform.
- Collaborated with stakeholders to translate business requirements into technical specifications for major projects, driving successful implementations.
- Architected reusable, scalable **Angular components**, improving development efficiency by **40%** across feature teams.
- Mentored interns, supporting their onboarding and technical growth.

Skills: Angular, Angular Material, SASS, .NET Core, SQL, TypeScript

Frontend Engineer — Eduact

Mar 2020 – Apr 2021

EdTech platform for schools and instructors | Cairo, Egypt

- Led the effort to revamp and refactor the admin panel and the entire system using **React, Redux, and Material-UI (MUI)**, transforming performance and scalability to serve **58+ instructors and 83+ classrooms**.
- Collaborated closely with the UI designer, using Figma to review and iterate on designs, creating intuitive, cohesive interfaces.
- Built and implemented new features across both the admin panel and client panel, ensuring high-quality, maintainable code.
- Refactored the client panel to improve performance and maintainability, applying best practices and design patterns.
- Conducted thorough testing and debugging to ensure a smooth, error-free user experience.

Skills: React, Redux, Material-UI (MUI), RTK Query, Tailwind, Styled Components, JavaScript, REST API

EDUCATION

Bachelor's Degree in Computer Science — Ahram Canadian University (ACU)

Sep 2014 – Jun 2018

Giza, Egypt

- Graduated with a GPA of 3.45 / 4.0; ranked 4th in a class of 250 students.

CERTIFICATIONS

- Data Structures — Coursera
- Algorithmic Toolbox — Coursera

TECHNICAL SKILLS

Frameworks / Libraries: Angular, React, Next.js, .NET Core, Entity Framework, Angular Material, Material UI, Ant Design

State Management: Angular Signals, RxJS, Redux Toolkit, RTK Query, Redux, Jotai

Styling: Tailwind CSS, SASS, CSS3, Styled Components, daisyUI

Programming Languages: TypeScript, JavaScript, C#, C++

Architecture: Micro-frontends (Module Federation), Web Components, Clean Architecture

APIs & Data: REST API, Joi

Testing: Jest, React Testing Library, Cypress, Karma/Jasmine, SonarQube

Tooling & DevOps: Docker, Git, CI/CD, Sentry

Leadership & Process: Team Leadership, Hiring & Interviewing, Mentoring, Code Review, Architecture Ownership, Security Review

LANGUAGES

Arabic (Native) • English (Professional)