Mahmoud Abuyoussef

Senior Front-End Developer

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Summary

Senior Front-End Developer with 3+ years of production-level experience building scalable web applications in ERP, CRM, education, and media industries. Specializing in React.js, Next.js, TypeScript, and performance-driven architectures. Proven ability to lead complex projects from scratch, mentor junior developers, and deliver clean, scalable, maintainable solutions aligned with business goals.

Led end-to-end development of production-ready ERP & CRM platforms with 12+ modules, including HR, Accounting, Inventory, and Sales. Customized Moodle LMS for 500+ students and launched an Arabic news portal reaching 20,000+ users/month with top-tier SEO.

Expert in reusable component design, performance optimization, agile methodologies, clean architecture, and scalable front-end systems.

Key Achievements

- Delivered 3 full-scale enterprise platforms with complete modularization and 100% department adoption
- Reduced manual business operations by 80% through workflow automation and smart dashboards
- Mentored 50+ students, achieving a 90% job placement success rate in tech
- Launched a high-traffic Arabic news platform reaching 20,000+ MAUs with top-tier SEO performance

Experience

Front-End Instructor

Tanta Academy for CS, AI & Tech — Tanta, Egypt - *Oct 2024 - Present*

- Trained 50+ students in front-end technologies, design patterns, and project architecture
- Led practical project implementation and mock interviews with high success in placements

SEO & Web Optimization Specialist (Freelance)

E-Dever — Riyadh, Saudi Arabia (Remote) - *Apr 2024 — May 2024*

- Improved mobile Lighthouse score from 62 → 91 with technical SEO enhancements
- Refined HTML semantics, images, and loading strategies
- Reduced bounce rate by 27% through layout optimization and UX improvements

Front-End Developer Team Lead

NASA IT — Tanta, Egypt (On-site) - *Jun 2023 — Mar 2024*

- Led front-end team building ERP, CRM, LMS, and media platforms in React.js
- Delivered a fully functional Elwaq3 News website with full RTL, CMS, SEO, and monetization
- Customized Moodle LMS for student engagement and reporting features
- Built company-wide ERP & CRM system with 12+ modules integrated in one UI system
- Set and enforce clean architecture, reusable components, and project scalability patterns.

Front-End Developer Intern

NASA IT — Tanta, Egypt (On-site) - *Apr 2023 — Jun 2023*

- Enhanced cross-browser compatibility and responsive UI for company projects
- Supported dashboard implementation, animations, and code reviews

Freelance Front-End Developer

Remote — Egypt - (Part Time)
Sep 2021 — Present

- Delivered 10+ client projects, including CRMs, dashboards, landing pages, and PWAs
- Integrated CMSs like WordPress and headless CMS platforms
- Built a custom ERP/CRM system to streamline internal business operations

Highlight Projects

ERP & CRM System
- Designed and implemented a full ERP & CRM system, internally adopted by the company, with a 100% usage rate
- Supported 12+ core modules: Authentication, Authorization, User Profiles, Notifications, HR, Accounting, Payroll, Procurement, Inventory, Sales, Client Management, Tasks, and Tickets
- Built real-time dashboards with modular widgets: KPIs, charts, to-do lists, calendar sync, and activity logs
- Developed CRM flows for client acquisition, lead scoring, and opportunity tracking
- Created admin control panels with RBAC and analytics reporting
- Technologies used: React.js, Next.js, Tailwind CSS, TypeScript,
- React Query, RESTful APIs
- Results: 100% reduction in manual workflows, 65% productivity boost, full cross-department adoption

*Elwaq3 News Website (*Link*)*
- Built a large-scale Arabic news platform with RTL support
- Integrated full CMS theming, allowing dynamic article creation, categorization, and sectioning
- Features:
  - SEO: Yoast integration, sitemap.xml, schema.org, GSC integration, meta tags
  - Ads: Google AdSense setup, performance tuning, and page speed enhancements
  - Media: Embedded YouTube live, custom video rendering, image optimization
  - Notifications: Integrated WebPushr push notifications for user retention
  - Dashboard: Admin panel with publishing workflows, statistics, and role-based control
- Performance: Used lazy loading, HSTS, HTTPS, image compression, CDN
- Result: 20,000+ monthly users, improved Google visibility by 100%, optimized for SEO and engagement

Moodle LMS Customization
- Customized Moodle LMS for a large-scale student base (500+ active users)
- Implemented custom RTL theme and Arabic language support with accessibility standards
- Features:
  - Role-specific dashboards for Admins, Instructors, and Students
  - UI/UX redesign for easier navigation and faster access to key functionalities
  - Advanced analytics, course tracking, and real-time progress reporting

- Enhanced content organization with multimedia learning support
- Results: 98% improvement in user satisfaction, improved engagement, reduced support requests

Skills

- HTML5 - CSS3 - JavaScript - TypeScript - React.js - Next.js - Bootstrap - Tailwind

- Material UI - Sass - Pug.js - Gulp.js - Jest - REST APIs - Git - GitHub - GitHub Actions

- CI/CD - Context API - Zustand - RTK - React Query - Yup - React Hook Form - Axios

- PWAs - WordPress - Moodle - Accessibility - Clean Architecture - Clean Code

- SOLID Principles - OOP - OOD - Algorithms - Data Structure - Design Pattern

- Debugging - Performance Optimization - Cross-Browser Compatibility - Jira

- Mentoring - SEO - Communication - Team leadership - Team Collaboration

- Code Review - Vite - Webpack - Babel - ESLint – Prettier - Core Web Vitals

- Unit Testing - Integration Testing - i18n - Security Best Practices - Pixel Perfect

- Supabase - Firebase - Sanity - Authentication - Authorization - JWT - Framer Motion

Certifications

100+ Certificates from platforms including:

- Microsoft - GitHub - Mozilla - Manara - LinkedIn Learning - Satr - EgFWD – Almdrasa
- Maharat Tech - IT Legend

Full certification archive (90+ certificates) available at: *(Link).*

Tools & Methodologies

- Git - GitHub - GitHub Actions - VS Code - Chrome DevTools - Postman – Notion
- Figma - Jira - Slack - Agile - Scrum - Kanban - CI/CD - Design Systems - Wireframing
- Debugging Tools - Vercel - Netlify

Education

- **Tanta Academy for CS, AI & Tech** — Tanta, Egypt - *Sep 2021 - Jul 2023*

- **Ideal Institute for Advanced Technology Studies** - *Sep 2021 - Feb 2023*

Volunteering

Mentor & Instructor - *Nov 2021 - Present*

- Volunteering in teaching front-end development and mentoring students
- Helped dozens of learner's transitions into the tech field through support, training, and continuous follow-up

Languages

- **Arabic:** Native
- **English:** Professional Working Proficiency