

Mirna Milad

Frontend Developer

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Professional Summary

Frontend Developer with 3+ years of experience specializing in Angular and modern web technologies. Proven track record of delivering scalable applications and enhanced user experiences across multiple industries. Expert in architecting multi-tenant systems and implementing best practices for enterprise-grade applications. Passionate about driving technical excellence through clean code principles, comprehensive testing strategies, and continuous learning of cutting-edge technologies.

Technical Skills

Frontend Development

- **Frameworks & Libraries:** Angular, Angular Signals, Ionic, Bootstrap, PrimeNG, Angular Material
- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/SASS
- **Specializations:** Responsive Design, Component Architecture, , Single Page Applications (SPA)

Backend & Integration

- **APIs & Services:** REST APIs, GraphQL, JWT Authentication, Liferay Integration
- **Backend Technologies:** NestJS, MongoDB, SQL

Development Tools & DevOps

- **Version Control & CI/CD:** Git, GitHub, Azure DevOps
- **Development Environment:** VS Code, Chrome DevTools, Postman, Figma
- **Quality Assurance:** ESLint, Prettier, Playwright, Karma, Jasmine, Compodoc

Methodologies & Best Practices

- **Development Practices:** Agile/Scrum, Clean Code Principles
- **Code Quality:** Code Reviews, Git Hooks, Commit Linting
- **Team Collaboration:** Mentoring, Knowledge Sharing, Cross-functional Collaboration

Professional Experience

Senior Frontend / Full Stack Developer

May 2024 – Present

Progressio Solution

Cairo, Egypt

- **Performance Optimization:** Architected and developed scalable web and mobile applications, achieving a **30% performance improvement** through strategic optimization and modular design patterns.
- **System Architecture:** Designed and implemented a comprehensive multi-tenant system with dynamic theming, responsive layouts, and configuration-driven customization, serving multiple enter-

prise clients.

- **Technical Leadership:** Led implementation of three-layered architecture (core, facade, presentation) following SOLID principles and clean architecture patterns.
- **Component Library Development:** Built and published Angular libraries with custom schematics and comprehensive documentation using Compodoc, reducing development time by **40%**.
- **Dynamic UI Solutions:** Engineered metadata-driven dynamic forms, tables, navbars, and sidebars, eliminating code redundancy and streamlining development workflows.
- **API & State Management:** Created generic, reusable services for API communication, file uploading, state management, and client-side caching with robust error handling.
- **Security Implementation:** Implemented role-based and policy-based authorization using structural directives and JWT tokens for enterprise-grade access control.
- **Modern Angular Expertise:** Applied cutting-edge Angular techniques including OnPush change detection and Angular v20 Signals API for optimal performance and reactivity.
- **Quality Assurance:** Maintained **90%+ test coverage** using Karma and Jasmine, implementing comprehensive unit and integration testing strategies.
- **Development Standards:** Established code quality standards through ESLint, Prettier, commit linting, and Git hooks integration.
- **Team Mentorship:** Conducted code reviews and mentored **3 junior developers**, improving team onboarding efficiency and knowledge transfer processes.
- **DevOps Integration:** Integrated CI/CD pipelines using Azure DevOps with semantic versioning and automated deployment workflows.
- **Localization:** Implemented complete i18n support with dynamic translation loading and locale-aware features for global markets.

Frontend Developer

Feb 2024 – Apr 2024

UAE-Digital Lab

Remote - UAE

- **Enterprise Integration:** Led frontend development using Angular with complex Liferay-based backend workflows.
- **Accessibility Compliance:** Developed responsive UI components following modern web standards and accessibility best practices.
- **Cross-functional Collaboration:** Partnered with backend engineers to optimize API integration, ensuring smooth data flow and exceptional user experience.
- **Agile Contribution:** Actively participated in sprint planning, daily standups, and retrospectives, contributing to accurate estimation and delivery planning.

Frontend Developer

Feb 2023 – Jan 2024

Business-Engines

Cairo, Egypt

- **Cross-Platform Development:** Developed and maintained Angular applications ensuring optimal responsiveness and performance across multiple devices and browsers.
- **Government Project Leadership:** Led frontend development for Egypt's Ministry of Environment project, implementing reusable component library and establishing UI consistency standards.
- **Legacy System Modernization:** Successfully restructured legacy billing system from monolithic to modular component-based architecture, improving maintainability and developer productivity.

- **Stakeholder Collaboration:** Coordinated with backend teams and UI/UX designers to deliver cohesive user experiences.

MEARN Stack Developer (Intern)

Aug 2022 – Nov 2022

Information Technology Institute (ITI)

Cairo, Egypt

- **Full-Stack Development:** Delivered a comprehensive web application with CRUD operations using React, Node.js, Express, and MongoDB.
- **Authentication & Security:** Implemented backend authentication and route protection using JWT tokens with role-based access control.
- **Agile Collaboration:** Collaborated effectively in Agile environment, managing version control through Git and GitHub with proper branching strategies.

Frontend Developer Intern

Jul 2022 – Aug 2022

AZ-Studios

Cairo, Egypt

- **Performance Optimization:** Optimized existing interfaces and resolved critical UI bugs, implementing lazy loading techniques.

Education

Bachelor of Education in Mathematics

Graduated: 2016 — Grade: Very Good

Sadat City University

Egypt

Full Stack Web Development (MEARN Stack)

Completed: 2022

Information Technology Institute (ITI)

Cairo, Egypt