Ahmed ElSamman

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Ahmed-elsamman

Professional Summary

Frontend Engineer with 2+ years delivering high-performance **Angular** and **React** applications. Expert in HTML5, CSS3, JavaScript (ES6+), TypeScript, and state management (Redux Toolkit, NgRx). Proven ability to translate UI/UX designs into responsive, cross-browser components, improve page load speed by 40 % and ensure 99 % compatibility. Strong collaborator in Agile teams, skilled in RESTful API integration, Git version control, and mentoring junior developers.

Education

BSc   Sept 2017 - June 2022
October 6 University, Computer Science

                                                                          June 2023 - Oct 2024

Information Technology Institute (ITI), MEARN Stack Development

Experience

Frontend Developer   Nov 2024 - Present
Ayen, *Remote, Riyadh*

- Built and optimized modular Angular 15+ UI components achieving 100% mobile-first compliance.
- Improved page-load speed by 40% using lazy loading, code splitting, and image optimization techniques.
- Integrated RESTful APIs, reducing response latency by 30% while ensuring robust error handling.
- Collaborated in Agile sprints with backend and UX teams via Jira and Slack, delivering features on schedule.
- Conducted code reviews and enforced ESLint/Prettier standards, decreasing bugs by 20% and improving code quality.

Teaching Assistant   Nov 2024 - Present
Information Technology Institute (ITI), *Qena*

- Delivered technical sessions on Angular, React, TypeScript, and JavaScript (ES6+) for MEARN Stack trainees.
- Mentored over 30 students through hands-on projects, emphasizing component architecture and API integration.
- Evaluated and refactored student code for scalability and performance, boosting project success rate by 35%.
- Introduced Agile Scrum practices and Git workflows, enhancing team collaboration and delivery efficiency.
- Provided continuous feedback on UI/UX implementation, ensuring alignment with design specifications.

Odoo Developer   Sept 2023 - May 2024
Sys Gate, *Cairo*

- Extended and optimized ERP modules using Python (Odoo Framework), increasing operational efficiency by 25%.
- Refactored legacy OOP modules to improve maintainability and reduce errors by 15%.
- Collaborated with cross-functional teams to deliver customized business solutions within project timelines.
- Implemented automated testing scripts, enhancing reliability of critical business processes.
- Provided technical documentation and training for end-users, facilitating smoother adoption.

Technical Skills

Frontend Frameworks & Languages: Angular 15+, React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, Material UI, jQuery

State Management: Redux Toolkit, NgRx, Context API

Backend & APIs: Node.js, Nest.js, Express.js, RESTful APIs, GraphQL, JWT Authentication, MongoDB, Strapi

Build & Testing Tools: Vite, Jest, Jasmine, ESLint, Prettier

Tools & Platforms: Git, GitHub, Vercel, Postman, Swagger, Jira, Slack, Chrome DevTools, ApiDog

Methodologies: Agile (Scrum), Code Review, Peer Programming

Projects

Amazon E-Commerce Platform
- Developed a full-stack e-commerce solution leveraging Angular, React.js, Next.js, Nest.js, MongoDB, and Material UI.
- Achieved 30% faster API performance through optimized data fetching and Redux Toolkit state management.
- Implemented lazy loading, server-side rendering, and SEO best practices, improving discoverability.
- Integrated secure payment processing and JWT authentication, ensuring data protection.
- Designed responsive UI components adhering to accessibility standards (WCAG 2.1).

Clothes E-Commerce Website
- Built a responsive single-page application with React.js and Redux Toolkit, reducing load time by 35%.
- Implemented REST API integration for product catalog, cart management, and order processing.
- Ensured cross-browser compatibility and mobile-first design using Tailwind CSS and SASS.
- Applied unit and integration testing with Jest, achieving 85% test coverage.
- Optimized image assets and leveraged CDN delivery for faster content rendering.

Movie Discovery Web App
- Created a searchable UI using HTML5, CSS3, and vanilla JavaScript, achieving 98% mobile responsiveness.
- Implemented dynamic data fetching from a public movie API, handling asynchronous requests with async/await.
- Designed a flexible grid layout with CSS Flexbox and Grid, enhancing visual hierarchy.
- Applied client-side caching to minimize redundant API calls and improve user experience.
- Ensured accessibility compliance with ARIA attributes and semantic markup.

Achievements

- Improved front-end performance metrics by up to 40% across multiple client projects.
- Mentored and evaluated MEARN trainees at ITI, raising graduation project success by 35%.

Certifications

- Full Stack JavaScript Development — Udemy (2023)
- Angular — The Complete Guide (2025 Edition) — Udemy

Soft Skills

- Problem Solving
- Team Collaboration & Mentoring
- Time Management
- Client Communication
- Attention to Detail