

Ezzelden Mahmoud

Frontend Angular Developer

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🌐 Website: ezzelden-hashem.web.app

👤 Profile

Self-taught Front-End Web Developer with strong knowledge of Angular, Typescript, HTML, CSS, and modern UI frameworks. Passionate about building responsive, user-friendly, and performant web applications. Skilled in OOP, design patterns, SOLID principles, and data structures. Bringing a creative background in graphic design and motivated to grow professionally in web development roles.

🎓 Education

B.Sc. in Agriculture (Animal Production, Livestock Division)
Cairo University, Faculty of Agriculture.

Graduated: 2024

🧪 Technical Skills

- Languages & Frameworks: HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular
- Styling & Tools: Tailwind CSS, Sass, Responsive Design, UI/UX basics
- Programming Concepts: OOP, Data Structures, Design Patterns, SOLID principles
- Other Skills: Git/GitHub, RxJS, State Management, Problem Solving, Debugging, Graphic Design (Photoshop, Illustrator, Affinity Designer)

📦 Projects

Advanced Personal Portfolio | Angular (v19+)

<https://ezzelden-hashem.web.app/> | <https://github.com/ezzelden-hashem/portfolio>

Developed a high-performance, fully responsive personal portfolio website from the ground up using modern Angular (v19+) and Typescript. The project serves as a practical demonstration of advanced front-end architecture, performance optimization, and UI development skills.

- High-Performance Animation: Engineered a custom 2D animation engine with its own timeline and effect system, offloading all rendering logic to a Web Worker using OffscreenCanvas to ensure a consistently smooth, non-blocking user experience.
- Modern Angular Architecture: Built entirely with Standalone Components, leveraging a modular, service-oriented structure for excellent maintainability and scalability.
- Advanced Theming System: Implemented a dynamic and persistent theming system allowing users to toggle between light/dark modes and select from multiple accent colors, with all preferences saved to localStorage.

- **State Management:** Created a lightweight, custom state management service to manage application-wide state, such as theme settings and UI visibility, without the overhead of a large library.
- **Reusable Components:** Designed and developed portable UI components, including a theme toggler and a performant image viewer with zoom/pan functionality, ensuring code reusability and a consistent design.

Experience

Graphic Designer02/2024 – 07/2024

Graphic for Print Office | Giza, Egypt

- Designed creative print-ready graphics, layouts, and branding materials.
- Translated client requirements into pixel-perfect designs, demonstrating strong communication and attention to detail.

Sticker Officer09/2024 – 04/2025

Wafra for Export | Giza, Egypt

- Prepared and managed product stickers for exported goods.
- Ensured quality and compliance with packaging and labeling standards.

Key Technical Focus

- **Front-End Development:** Building responsive and dynamic web applications using Angular, Typescript, JavaScript, HTML5, and CSS3.
- **UI Styling & Frameworks:** Crafting modern, mobile-first interfaces with Tailwind CSS, Sass, and responsive design principles.
- **Programming Foundations:** Strong grasp of Object-Oriented Programming (OOP), SOLID principles, design patterns, and data structures.
- **Code Quality & Practices:** Writing clean, maintainable, and scalable code with focus on modularity and reusability.
- **Version Control:** Effective collaboration and source management with Git and GitHub.
- **Creative Skills:** Leveraging a design background to enhance UI/UX and visual presentation.

Languages

Arabic: Native

English: Intermediate