Mohamed Ali Alsherif

- **Frontend Web Developer & UI Animation Enthusiast**
- ⚲ **Location:** AbuDhabi
- ✉ **Email:** kingmoalsherif@gmail.com
- 💻 **GitHub:** https://github.com/KingMohamedAlsherif
- 💼 **LinkedIn:** www.linkedin.com/in/mohamed-ali-alsherif-541b25252

Profile

- Creative and detail-oriented Frontend Developer with a strong foundation in building **interactive, animated, and responsive web interfaces**. Experienced in React, JavaScript, and animation libraries like **GSAP** and **Framer Motion**. Passionate about combining **clean code, accessibility, and user-centric design** to create engaging digital experiences.
- Led the development of an **Eye Gazer Tracking solution** during the MOI Hackathon to assist users with disabilities, blending frontend engineering with meaningful impact.
- Built and deployed **10+ projects** focused on UI/UX animation and performance optimization.
- Collaborated with cross-functional teams to deliver **user-focused digital products**.

Technical Skills

- **Languages:**
- JavaScript (ES6+), HTML5, CSS3, TypeScript (basic)
- **Frameworks & Libraries:**
- React.js, Next.js, Bootstrap, TailwindCSS, GSAP, Framer Motion
- **Animation & Design Tools:**
- Figma, Adobe After Effects, Adobe Illustrator, Lottie
- **Other Tools:**
- Git, GitHub, VSCode, Firebase, Webpack, OpenCV (basic)

Featured Projects

Animated Online Library

- **Tech Stack:** React | GSAP | Firebase
- Developed a modern digital library with **animated book cards** and **smooth transitions**.
- Implemented **scroll-based animations** using GSAP for enhanced user engagement.
- Integrated Firebase for **user authentication** and **real-time data synchronization**.

Online Marketplace UI

- **Tech Stack:** React | Bootstrap
- Built a responsive product marketplace frontend with **filtering, search, and sorting capabilities**.
- Enhanced UX with **hover effects** and **CSS transitions** for smoother navigation.

2D Animated Restaurant Ad

- **Tech Stack:** After Effects | Illustrator
- Created a **storyboard-based commercial** using side-by-side scenarios to compare behaviors.
- Delivered a **full animation sequence** with synced audio and motion design principles.

Eye Gazer Tracking for Accessibility

- **Tech Stack:** Python | OpenCV | AI
- Built a **prototype** that tracks eye movement to control a cursor, enabling hands-free navigation for users with disabilities.
- Designed an **accessible interface** with high-contrast visuals and intuitive controls.
- Trained a lightweight **computer vision model** and integrated it into a clean GUI demo.
- **Awarded** for innovative use of technology in assistive solutions.

Game-Like UI Interaction Demo

- **Tech Stack:** Vanilla JS | CSS Animations
- Developed a dynamic interface with **CSS and DOM animation effects**.
- Implemented **animated health bars** and **hover-based interactivity** for a playful user experience.

Education

- **42 School**
- **Core Software Engineering Program**
- Built system-level and web projects from scratch (Push Swap, MiniShell, Fractals).
- Focused on **clean code, peer learning, and performance optimization**.
- **Arab Open University**
- **B.Sc. in Computer Science** (Final semester, expected graduation: January 2026)
- Gained foundational knowledge in **software engineering, AI, and algorithm design**.

Languages

- Arabic – Native
- English – Fluent

Extras

- **Instructor at Microsoft Student Club**: Led beginner workshops on machine learning and web development.
- **IBM Quantum Learning Program Graduate**: Completed advanced coursework in quantum computing.
- **Community Contributor**: Participated in CodersHQ and AWS hackathons; created motion graphics for branding and educational content.