

Mohamed Hosny Kamal

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SUMMARY

Junior Front-End Developer with expertise in **ReactJS**, **NextJS**, and **Tailwind CSS**, dedicated to crafting responsive and visually appealing web applications. With a solid **academic background** in **Information Systems**, I'm proficient in **UI/UX design**, **performance optimization**, and **Agile practices**, ensuring continuous delivery of software solutions that focus on delivering seamless user experiences. Eager to bring technical expertise, creativity, and a collaborative mindset to a forward-thinking team, driving impactful solutions and continuous growth.

EDUCATION

- **Bachelor's Degree Computer and Information Science**, Ain Shams University (2019-2023)
(Information Systems) Department.

EXPERIENCE

- **Software Engineer Freelancer, Upwork** (May 2023 – July 2024)
Delivered **10+ web applications** for clients, leveraging front-end technologies like **ReactJS**, **NextJS**, and **Tailwind CSS** to create responsive and visually appealing interfaces. Enhanced website performance by optimizing assets and implementing **code-splitting techniques**, reducing load times by **25%**. Collaborated with clients to gather requirements, provide updates, and ensure timely delivery of projects, achieving a **90% on-time completion rate**. Designed and implemented **user-friendly dashboards** and **interactive features**, improving overall user and satisfaction.

TECHNICAL SKILLS

Responsive Design, Cross-Browser Compatibility, Web Performance Optimization, JavaScript, ReactJS, HTML, CSS, Bootstrap, Tailwind CSS, REST APIs, Git, GitHub, UX/UI Principles, Component-Based Architecture, Agile & Scrum, Technical Documentation.

- **Frontend Fundamentals:** HTML5, CSS3, JavaScript, TypeScript.
- **Frameworks & Libraries:** ReactJS, NextJS.
- **Styling:** Bootstrap, Tailwind CSS, SASS/SCSS.
- **Responsive Desing:** Cross-Browser Compatibility, Mobile-First Design.
- **Front-End Testing:** Jest, Cypress, React Testing Library.
- **Performance:** Web Performance Optimization, Lazy Loading, Image Compression.
- **UI/UX Principles:** Wireframing, Prototyping, User-Centered Design.
- **Agile & Scrum:** Sprint Planning, Daily Standups, Retrospectives.
- **Technical Documentation:** API Documentation, Code Comments, Readme Files.
- **Database:** Oracle, SQL Server, MySQL.
- **Version Control:** Git, GitHub

PROJECTS

- **Smart Farm (HTML, CSS, JavaScript, ReactJS, NextJS, Bootstrap)** [\(GitHub\)](#)
I developed a responsive dashboard using **ReactJS**, **Next**, and **Bootstrap** to monitor water quality and detect plant health issues through IoT and AI integration. The system allows users to upload plant images for health analysis, track water quality parameters in real-time, and receive automatic alerts if pollution is detected. By implementing real-time alerts, I improved user response time by 20%, enhancing the overall efficiency of the smart farm system.
- **Small World Phenomenon (Algorithms)** [\(GitHub\)](#)
Simulated the Small World Phenomenon using **C#** and Visual Studio, showcasing how social networks are interconnected through a few intermediaries. Ensured project compatibility with newer Visual Studio versions through successful migration and backup.
- **Banking System (Java)** [\(GitHub\)](#)
Developed a comprehensive banking application including models for users, accounts, loans, and transactions. Implemented core functionalities such as user login, account creation, and management.
- **Login Page Security (PHP Laravel)** [\(GitHub\)](#)
Designed a secure login page to avoid popular attacks, ensuring a maintainable codebase while improving **supportability**.
- **Personal Website (HTML, CSS, JavaScript)** [\(GitHub\)](#)
A sleek and professional portfolio website showcasing my skills, projects, and accomplishments to potential clients and recruiters.

LANGUAGES

• **Arabic** (Native)

• **English** (Excellent)