Mohamed Hosny Kamal

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OBJECTIVE

I possess a robust foundation in front-end development. My expertise lies in designing and implementing responsive, user-centric web applications. I am committed to applying my analytical skills and innovative approach to contribute effectively to a forward-thinking team and advance impactful solutions.

EDUCATION

- **Computer and information Science,** Ain Shams University   (2019-2023)
  (Information Systems) Department, CGPA 2.47 (C+).

EXPERIENCE

- **Software Engineer Freelancer, Upwork**   (May 2023 – July 2024)
  Built customized web application solutions for a variety of clients, honing the skills in problem-solving, project management, and client communications. Managed several projects from start to finish, effectively handling the deadlines and consistently going above the expectations of the client.

TECHNICAL SKILLS

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

- **Programing languages:** proficient in C++, C#, Java, Python, JavaScript.
- **Database:** Oracle, SQL Server, MySQL.
- **Frontend Fundamentals & Frameworks:** HTML5, CSS3 (including Tailwind CSS and Bootstrap), ReactJS, Next.js
- **Backend Frameworks:** Spring (Java applications), Spring Boot (simplified setup and configuration).
- **Testing:** Selenium (automated browser testing), JUnit (unit testing for Java applications).
- **Version Control:**Git,Github.

PROJECTS

- **Smart Farm (HTML,CSS,Javascript,NextJs,Bootstrap)**   **(GitHub)**
  Using NextJs , Boot-strap as a front-end technologies integrating with Kuido Platform to establish a smart farm using IOT & Ai . The system allows users to upload plant images for health detection, monitor water quality parameters via a dashboard, and receive automatic alerts if polluted water is detected by the machine learning model.
- **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)**
  Security page to avoid popular attacks.
- **Personal Website (HTML,CSS,JAVASCRIPT)**   **(GitHub)**
  A sleek and professional portfolio website showcasing my skills, projects, and accomplishments to potential clients and employers

LANGUAGES

- **Arabic** (Native)
- **English** (Fluent)