

Eslam Mohamed Hekal

Software Engineer

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Education

- **Faculty of Engineering, Ain Shams University** – *Electronics and Communications Engineering* – GPA: 2.8 (Very Good) (Graduated: 2024)
- **Graduation Project: IoT Smart Campus Website** (July 2024)
 - Developed the project website front-end using React.js and TypeScript.

Summary

- A Software Engineer at **_VOIS** specializing in Frontend Development using React.js, TypeScript, and Tailwind CSS. I graduated in 2024 from the Faculty of Engineering, Ain Shams University, with a Very Good cumulative grade (GPA: 2.8). Previously I worked as a Frontend Developer at WordWorksAI, contributing to real-world projects with a focus on performance, responsive design, and clean UI.

Skills

Proficient: Next.JS, React.JS, JavaScript (ES6+), TypeScript, Redux, Zustand, HTML, CSS, Tailwind CSS, Bootstrap, Git, GitHub, Azure, Agile methodologies, C, C++.

Familiar: OOP, Python, Data Structure, Database, Design Patterns, C#, .Net, Angular.

Tools: Visual Studio, VS code, ATOM, NetBeans, Jira, MATLAB.

Experiences

- **Software Engineer _VOIS — (April 2025 –Present)**
 - Working as a Frontend Developer in the **Vodacom OneApp** team, building reusable user interfaces using **React.js** and **Next.js**.
 - Managed tasks in an Agile environment using Jira for sprint planning, tracking and collaborations.
- **Frontend Developer WordWorksAI, Dubai (Remote) — (Jan 2025 –March 2025)**
 - Developed a bilingual website to support both languages.
 - Designed and implemented user interfaces to enhance usability and user experience.
- **Embedded Software Intern SIEMENS (Sep 2023)**
 - Learned the fundamentals of microcontroller units, including memory management.
- **Digital Verification & Design Intern ICpedia (Aug 2023)**
 - Designed and verified a P-mixer block using Verilog and the UVM environment.
 - Studied the fundamentals of UVM structure.

Projects

- **Authenticated Demo Page (2025)**
 - [Live Demo](#)
 - Developed an Authenticated Demo Page using React.js, Typescript, Redux Toolkit and Tailwind CSS.

- Added Sign in with Google feature, making it possible to restrict access to a small organization.
- **Authenticated Blog Dashboard (2025)**
 - [Live Demo](#)
 - Developed a responsive blog dashboard using React.js, Redux Toolkit, and Tailwind CSS, featuring user authentication (login/signup) and protected routes.
 - Implemented CRUD operations for blog posts by integrating with JSON Placeholder API, ensuring seamless state management and data persistence using local Storage.
- **Food Order App (2025)**
 - [Live Demo](#)
 - Built a simple food ordering app using React.js, HTML, and CSS, enabling users to browse products and add items to a cart.
 - Focused on creating an intuitive user interface with seamless state management for a smooth shopping experience.
- **E-commerce Website, (Jul` 24).**
 - [Live Demo](#)
 - Developed an e-commerce single-page application (SPA) using HTML, CSS, and JavaScript.
 - Focused on creating a seamless user experience for browsing and purchasing products online
- **Faculty Website (2024).**
 - Developed the front-end using TypeScript and React.js
 - Integrated with PostgreSQL for database management
 - Collaborated closely on design and functionality to ensure a user-friendly interface
- **Landing Page, Udacity (Aug` 22).**
 - Designed using HTML and CSS, with dynamic features implemented through JavaScript and DOM manipulation
 - Enhanced interactivity and user experience for a visually appealing landing page
- **Portfolio, (Jul` 24).**
 - Built with HTML and CSS to showcase personal projects and skills
 - Emphasized responsive design and clean aesthetics for a professional online presence
- **Microwave Controller (Spring` 22).**
 - Using Embedded C Programming language
 - Added Keypad, LCD and Buzzer Drivers.
 - Developed using ARM Microcontroller (Tiva TM4C123GH6PM).
- **Long Division Calculator (Fall` 21)**
 - Developed using C Programming language.

** Projects' Codes are inserted in GitHub. **

Courses

- **ITI Summer Training (Web Development), JUL,2024 – AUG,2024**
 - HTML, CSS, JavaScript, PHP, MySQL, Laravel
- **PROFESSIONAL FRONT-END WEB DEVELOPMENT, Udacity. AUG,2022 – SEP,2022**
 - JavaScript & DOM, Web APIs, Asynchronous Apps, Agile Foundations
- **WEB DEVELOPMENT CHALLENGER TRACK, Udacity. JUL,2021 – AUG,2021**
 - HTML & CSS Basics, Intro to Front-End Design
- **SUPERVISED MACHINE LEARNING: REGRESSION AND CLASSIFICATION, Coursera. OCT 2022**
- **PROGRAMING FOR EVERYBODY (getting started with python), Coursera. OCT 2021**