Hamsa Ragheb Abdullah Zikr-Allah
Software Engineer

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Profile

Junior Front-End Engineer and Computer & Systems Engineering graduate focused on delivering high-quality, user-friendly web experiences. Experienced in building responsive interfaces with modern frontend technologies, committed to clean code, continuous learning, and professional growth.

Education

B.Sc. of Computer and Systems Engineering Sep 2020 – Jul 2025
Faculty of Engineering, Helwan University Cairo, Egypt
Accumulative Grade: **Very Good with Honors (83%)**

Skills

Programming Languages
Java, C, C++, JavaScript

Frontend
HTML, CSS, Bootstrap, Angular

Backend
Spring Boot, Spring MVC, SQL, REST APIs

Databases
SQL

Computer Fundamentals
Data Structures, Software Engineering Fundamentals

Embedded Systems
Embedded C, AVR

Developer Tools
VSCode – Eclipse - Proteus - Notepad++
Git - Github
Postman API
MySQL Workbench

Soft Skills
Communication, Teamwork, Problem Solving, Presentation Skills

Professional Experience

Frontend Developer Intern (Angular) Nov 2025 – May 2026
Digital Egypt Pioneers Initiative (DEPI) Cairo, Egypt
- Developed responsive UI components using **Angular, TypeScript, HTML, CSS, and Bootstrap**.
- Applied **UX/UI principles**, clean coding practices, and version control using **Git/GitHub**.
- Gained exposure to **Node.js, Docker, testing concepts**, and real-world team workflows.

Backend Development Trainee Jul 2024 – Sep 2024
NTG Clarity Cairo, Egypt
- Built backend applications using **Java** and **Spring Boot**, applying **OOP** and clean architecture principles.
- Developed **RESTful APIs** and integrated **MySQL** databases.
- Worked with **Spring MVC** and dependency injection to build scalable services.

Projects

Angora Website 🔗 Dec 2025 – Jan 2026
- Corporate website built with **HTML, CSS, and Bootstrap**
- Fully responsive layout with modern UI components
- Customized Bootstrap styles with animations and hover effects

Globaly Website 🔗 Nov 2025 – Dec 2025
- Business website developed using **HTML5 and CSS3**
- Multi-section layout with responsive design
- Focused on clean structure and modern UI design

Together: AI-Based Sign Language Translator (Graduation project) Feb 2025 – May 2025
- Developed a real-time web application for bidirectional sign-to-speech translation.
- Implemented live translation using **WebRTC** and **WebSockets**.
- Built RESTful APIs in **Spring Boot** to integrate AI gesture recognition.
- Designed a secure **MySQL** database for user authentication and persistent storage.

Certificates

- Advanced Back End – Summer Training Internship | NTG Clarity July 2024 – September 2024 🔗
- Embedded Systems AVR (162 Hours) | Information Technology Institute (ITI) August 2023 – September 2023 🔗

Languages

- English
- Arabic