

Dalia Adel Mohamed

Personal Information

- Address: Giza, Egypt
- Date of birth: 26/02/2004
- Email: daliaadel262@gmail.com
- Mobile Number: +20 1018159628
- [LinkedIn](#) | [Personal Website](#) | [Github](#)

Summary

Front-End Developer with a strong focus on delivering user-friendly, responsive, and high performance web applications actively seeking front-end development opportunities to apply my skills and collaborate on impactful projects. I have developed expertise in translating design concepts into responsive, functional interfaces as well as the ability to work closely with teams to solve complex challenges

Education

Faculty of Computers and Artificial Intelligence, Cairo University B.Sc. in Computer Science, Expected graduation: 2026 Oct 2022 - Present

Related courses: Object-oriented programming, software engineering analysis and design, web development, algorithms and data structure, database management, operating system.

Technical skills

- **Languages & Frameworks:** HTML, CSS, JavaScript, TypeScript, Reactjs, Nextjs, C++, Java, SpringBoot, Nodejs
- **Databases:** Microsoft SQL Server, SQLite, MongoDB
- **Development Tools & Libraries:** React state managements (Redux, Context, Zustand), Axios, AJAX, JWT, JUnit testing, Tailwind, ShadCN, Bootstrap
- **Problem-Solving:** Algorithms, Data Structures, Object-Oriented Programming (OOP)

Internships

WhispYrAI (Startup in Founders Investment Portfolio) – Hybrid Frontend Developer Intern April 2025 - Present

WhispYrAI builds AI agents for real estate organizations to automate cold calling and CRM-integrated lead conversion. My contribution included:

- Built dynamic **voice recorder functionality**, including interactive waveform visualization, **client-side validation**, audio upload, toast notifications, and fully responsive **UI/UX** with animations.
- Designed and developed a **role-based dashboard** using **Next.js**, **Tailwind**, **ShadCN**, and **Zustand**, implementing a responsive **sidebar**, animated transitions, and route handling across roles.
- Implemented a **multi-step campaign creation** flow with backend integration, real-time validation, navigation, and campaign metric visualizations using charts.
- Collaborated using **Jira** for agile sprint planning and **Git** for version control in a team-based startup environment.

Projects

Online Learning Platform (Team project) - [Github](#) - (React, Bootstrap, Redux, JavaScript)

Developed a responsive and dynamic online learning platform offering courses to users with an admin dashboard for instructors to manage content. My contributions focused on front-end development, where I:

- Designed **user-friendly and responsive interfaces** for the homepage, login, registration, and courses pages, incorporating dynamic animations **using Framer Motion**.
- Leveraged **APIs** for dynamic data display and implemented protected routes for authentication
- Integrated **filtering and search functionalities** on the courses page, allowing users to filter courses by category, with added **pagination** for smooth content browsing.
- Managed user state with **Redux**, handling actions and reducers for authentication.

- Implemented **wishlist functionality** with loading animations, optimizing user interaction.
- Developed an **admin feature** for course deletion, streamlining content management.
- Utilized **Axios** library for efficient **data fetching** and **asynchronous requests**.

Movie Recommendation Website (Independent project) – [Website](#) – (React.js, Bootstrap, JWT, API Integration, Axios)

Developed a comprehensive website utilizing the movie database API to display trending movies, TV shows, and actors/actresses. My contributions included:

- Implemented authentication using **JSON Web Tokens (JWT)** and a provided **API (tested with Postman)** for secure user login and session management.
- Created a **responsive design** with a dynamic homepage using **Bootstrap**, showcasing movies, shows, and actors to enhance user engagement.
- Designed individual pages for movies, shows, and actors with **pagination** to manage large datasets, improving performance and user exploration.
- Developed a custom **loading indicator** for data fetching and utilized image placeholders for null data, ensuring a seamless visual experience.

Cafes & Restaurants Mobile App (Team project) – [Github](#) – (Node.js, Express, MongoDB, Postman)

Developed a RESTful API to support a mobile application by managing cafes, restaurants, and their available products. My contributions included:

- Built secure and efficient **API endpoints** to list cafes, restaurants, and products, enabling seamless data integration for the mobile frontend.
- Implemented a dynamic **search endpoint** to retrieve cafes and restaurants that sell a specific product, improving **user discoverability**.
- Utilized **MongoDB** as the primary database for storing and retrieving structured data with flexible schema design.
- Enabled **CORS** to allow cross-origin requests from mobile clients, ensuring secure and functional communication.
- Thoroughly tested all endpoints using **Postman**, validating functionality, request/response structure, and error handling.

University Learning Management System (Team project) – [GitHub](#) – (Java, Spring Boot, Postman)

Developed a backend system for a university Learning Management System (LMS) using **Java Spring Boot**, following a **layered architecture (Controller-Service-Repository)** for maintainability and scalability. My contributions focused on backend development, where I:

- Implemented **CRUD** operations for course management, allowing instructors to add, update, and delete courses.
- Developed **functionality for marking student attendance** and grading assignments.
- Designed and implemented an **OTP generation system** for secure marking of attendance.
- Built and tested **RESTful APIs** using Postman, ensuring smooth data exchange between system components.

Personal Website (Independent project) – [Website](#) – (HTML, CSS, JavaScript, Bootstrap)

Developed a personal portfolio website to showcase my projects and professional background with a **responsive layout** to ensure optimal viewing experiences across various devices. Implemented interactive logic for users to **open or download** showcased projects directly from the website, enhancing accessibility.

Certification

- Frontend Development using React, *Digital Egypt Pioneers Initiative*.
- Berlitz Egypt - Business English Track, *Digital Egypt Pioneers Initiative*.

Languages

- **Arabic:** Native language
- **English:** Intermediate