Hossam Ahmed Ali Ahmed

Full Stack Developer

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OBJECTIVES

I am a Full-Stack Developer experienced with Angular, React, Node.js, Laravel and Flutter, passionate about building performant, user-centered web. I'm looking to join a product-driven team where I can contribute to end-to-end development, and progress into a senior engineering role while mentoring junior developers.

EDUCATION

Bachelor of Science in Computer Science   09/2023 – present
- Canadian International College (CIC) GPA: 3.84/4.0
- Relevant Coursework: The Object-Oriented Paradigm, Data Structures Algorithms, Computer Network, AI

EXPERIENCE

MEAN Stack Internship   07/2025 – Present
National Telecommunication Institute (NTI)
- *Back-End Development*: Built RESTful APIs with Express.js & Node.js Implemented MongoDB (Mongoose ODM, CRUD, Aggregation) Applied authentication, role-based access control, and WebSocket integration (Socket.io 🔗)
- *Front-End Development*: Developed SPAs with Angular (Components, Directives, Routing) Managed state with RxJS (Observables, Subjects) Generated reactive forms with custom validation
- *Core Practices*: TypeScript programming │ Error handling & logging Unit testing │ Deployment │ SEO optimization

Flutter Internship   01/2025 – 02/2025
Orange Digital Center Egypt
Mastered cross-platform app development using Flutter & Dart, including:
- Firebase integration (Auth/Cloud) │ State Management │ API Integration
- UI/UX design │ Dart programming │ Performance optimization

Full Stack Internship   08/2024 – 09/2024
Information Technology Institute (ITI)
- Intensive month scholarship program covering web development Technologys.
- Curriculum encompassed is Client-Side Technologies (JavaScript, HTML,CSS), and Server-Side Technologies (PHP, Laravel) with MySQL as a database.

COURSES

Orange Digital Center │ ISTQB Foundation Level 🔗   01/2025 – 01/2025
Attended a comprehensive ISTQB course covering fundamental software testing concepts.
- ISTQB basics.   • Understood testing purposes and terminology.
- Software Testing Life Cycle.   • Explored different testing approaches.

UI/UX Design │ SprintUp   06/2025
Enhanced *expertise in user-centered design methodologies including:*
- User research & persona development
- Wireframing & prototyping (Figma)
- Interaction design & usability principles

- Visual design fundamentals

HTML5 & CSS3 | ITI Platform (Mahara-Tech) 🔗   04/2025
- *Core skills:* Semantic HTML • Responsive Layouts • CSS Flexbox/Grid

Intermediate SQL | DataCamp 🔗   03/2024
- *Core competencies:* Complex querying • Multi-table joins • Aggregation functions
- *Advanced techniques:* Window functions • Query optimization • Data analysis operations

PROJECTS

1- Real-Time Chat System using React and Laravel
- Real-time messaging app with a Laravel (PHP) backend and React with Redux for state management. Technologies: TypeScript, HTML, CSS, React, Redux, WebSocket Pusher, Laravel Mail, Laravel Sanctum, Laravel Broadcast, MySQL.

2- E-Commerce Flutter App 🔗
Cross-platform shopping app implementing full e-commerce functionality
- *Architected* scalable solution with Firebase backend (Firestore database, Authentication)
- Executed Provider state management for real-time cart/order synchronization
- *Designed* intuitive UI with product search, category filtering, and dark/light theme support
- *Integrated* payment gateway (Stripe API) and order tracking system
- *Optimized* performance through image caching and lazy loading techniques

3- Social Networking Platform using Laravel 🔗
- Social media platform built with Laravel, JavaScript, Blade, and CSS enabling user registration, login, post creation/editing, commenting, and profile updates. Technologies: Laravel MVC, RESTful routing, user authentication, authorization, database design, dynamic UI, form validation, CSRF protection.

4- CRUD System | Laravel 🔗
- Responsive web-based CRUD application created with PHP, HTML, Bootstrap, and MySQL demonstrating efficient data management, secure backend logic, and robust database design.

5- Nectar Flutter App 🔗
- Managed end-to-end solution with Firebase backend (Firestore, Auth, Cloud Functions)
- *Inforced* clean architecture with layered repository pattern for maintainability
- *Integrated* real-time features: inventory updates, live order tracking, and push notifications
- *Designed* intuitive UI with product categories, flash sales, and location-based store selection
- *Optimized* performance with efficient state management

SKILLS

Programming Languages
Python | C++ | Javascript (Typescript) | PHP | Dart | Java | Kotlin

Markup Technologies
CSS | TailwindCSS | Bootstrap

Tools
- Visual Studio | Visual Studio Code | PyCharm | Nodepad++ | Android Studio | Cursor | IntelliJ IDEA
- Postman | XAMPP

Version Control
Git | GitHub

Frontend Technologies
Angular | React | Redux | Flutter | Inertia | Vite | Blade

Backend Technologies
- Laravel | ExpressJs | Firebase
- MySql | MongoDB

LANGUAGES

- Arabic
- English