

Ahmed Ouda

Senior Full Stack Web Developer

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SKILLS

- **Core:** HTML | CSS | JavaScript (ECMAScript) | Sass (SCSS) | Typescript | C# | C++ | SQL
- **Front end:** React | Next.js | Angular | Svelte | Svelte kit | React Native | Ionic | jQuery | Redux | Zustand | MobX | Material UI | Tailwind CSS | Bootstrap | DevExpress
- **Back end:** Node.js | Asp.Net Core | Express.js | Mongoose | Entity Framework
- **Databases:** MongoDB | MySQL | MariaDB | CosmosDB | Airtable | Elasticsearch | Azure Search | Microsoft SQL Server
- **General:** APIs | Web Sockets | OOP | GIT | Linux | AWS | Agile | Responsive Design | Jest | Socket IO | SignalR

WORK EXPERIENCE

SwiftX | A tech start-up that helps businesses create technology products and achieve digital transformation.

Senior Full Stack Web Developer | Cairo, Egypt

Oct 2023 - Present

- **[pangea.ai](#)** | A marketplace connecting development agencies with startups, enterprises, and talents.
 - Boosted back-end performance by 70% by migrating from ASP.NET Core to Node.js and refactoring the codebase.
 - Accelerated database queries by 300% by switching from CosmosDB to MongoDB and optimizing indexes.
 - Enhanced search accuracy by 40% by replacing Azure Search with Elasticsearch and refining weighted search functions.
 - Reduced loading times by 3 seconds on the Next.js front-end through component refactoring and feature updates.
- **[ahlan](#)** | A management system for scheduling employee work hours and projects.
 - Built a \$15k valuation website with Next.js (frontend), Node.js, Express.js, and MongoDB (backend).
 - Implemented seamless messaging for 100+ users by integrating Twilio SMS for employee and system communication.
- **[projectseye.com](#)** | A multi-tenant platform for construction companies to manage projects and staff.
 - Upgraded the React.js front-end with custom 360° VR features, boosting control and speeding up navigation by 200%.
 - Boosted on-site worker presence by 25% through real-time location tracking using the Leaflet library.
 - Upgraded 5 types of consumption reports by adding tools for managing material usage and tracking requests.
- **[memoa.app](#)** | A platform for collectors to track, share, and add stories to their doll collections.
 - Created a \$50k app with Next.js (frontend), and Node.js, Express.js, and MongoDB (backend).
 - Processed over 50 payments in the first month by integrating Stripe.js for a smooth checkout experience.
 - Improved code quality & reduced duplication by 70% through atomic design and rigorous testing with Jest and Cypress.

Triangles | A digital marketing agency offering smart solutions, founded by creative, passionate marketers.

Full Stack Web Developer | Dubai, UAE

Sep 2021 - Sep 2023

- **[hajarafa.com](#)** | An e-commerce site for the Haj Arafa hypermarket chain.
 - Developed the site from scratch for a \$2M market share company using Next.js, Node.js, Express.js, and MongoDB.
 - Enabled over \$100k in purchases by integrating the Mastercard payment gateway for tokenized and card transactions.
- **[labina store](#)** | An e-commerce site for the Labina clothing brand.
 - Engineered a \$10k-value website from scratch with Next.js, Node.js, Express.js, and MongoDB.
 - Boosted admin productivity by 80% by creating custom features for sorting clothing categories and properties.
- **[Saja clinic](#)** | A medical platform for managing patient visits, treatments, doctor surveys, and generating reports.
 - Made the project using the MERN stack (MongoDB, Express.js, React.js, Node.js) for over 600 doctors.
 - Built 2 portals: an admin portal for controlling user roles and a doctor portal for handling patient visits and treatments.
 - Collected data from 4,000+ anonymous doctor surveys by implementing custom email templates tools and campaigns.

LIGHT SOFT | A software solutions provider for a group of companies owned by a Saudi Arabian businessman.

Full Stack Web Developer | Saudi Arabia

Jul 2020 - Aug 2021

- **[Inventory](#)** | ERP software for financial activities, transactions, invoices, payments, budgets, reporting, and analysis.
 - Improved report clarity by 90% with detailed reports and print templates using core web technologies and jQuery.
 - Increased loading and routing speed by 400% by migrating the front-end from ASP.NET Core to Angular.
- **[attadawe.com](#)** | A Medical Complex provides top healthcare services with 27+ years of experience and expert staff.
 - Created and optimized the job application module using ASP.NET Core MVC, leading to 400+ employee hires.

Freelance | Partnered with developers to deliver software solutions as a self-employed professional.

Front End Web Developer | Cairo, Egypt

Mar 2019 - Jun 2020

- Developed 20+ responsive websites using React, Angular, and jQuery. (Visit my website for more details.)

EDUCATION

- **Cairo University** | Postgraduate Academic Diploma - Computer Science 2023 - 2025
- **Mansoura University** | B.S. Commerce - Business Administration 2019 - 2023

LANGUAGES

- Arabic (Native)
- English (C1)
- German (A2)