

Ahmed Ouda

Senior Full Stack Engineer

- Cairo, Egypt
 - [+201022535602](tel:+201022535602)
 - ahmed.ouda.official@gmail.com
 - ouddah.com
 - github.com/a7med3ouda
 - linkedin.com/in/a7med-3ouda
 - youtube.com/@ahmed-ouda
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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 | Expo | React Native | Ionic | jQuery | Redux | Zustand | MobX | Material UI | Tailwind CSS | Bootstrap | DevExpress
 - **Back end:** Node.js | ASP.NET Core | Express.js | Nest.js | Mongoose | Entity Framework
 - **Databases:** MongoDB | PostgreSQL | MySQL | MariaDB | CosmosDB | Airtable | Elasticsearch | Azure Search | SQL Server
 - **General:** APIs | Web Sockets | OOP | GIT | Linux | AWS | Agile | Responsive Design | Jest | Socket IO | SignalR | Docker
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WORK EXPERIENCE

Front End Team Leader | [Al-Nasyan](#) | Al Qassim, Saudi Arabia

Oct 2024 - Present

- **Mutqina landing page & dashboard & Mobile App: for accounting & human resources payroll.**
 - Developed the project structure and architecture for a multi-language web app from scratch using Next.js, TypeScript, and Zustand.
 - Led the team in reusing ERP system components by implementing the atomic design pattern.
 - Created a real-time Google Maps delivery tracking system, replicating the user experience found in platforms like Uber.
- **Erp system: for accounting & cashier.**
 - Designed the architecture for a multi-language single-page web app using Next.js, TypeScript, and Zustand.
 - Guided the team in rebuilding the dashboard, replicating the constraints of a previous Angular project.
 - Introduced atomic design principles to ensure well-structured React components with clear single responsibilities.
- **Workers dashboard: recruitment of specialized company.**
 - Directed the team in enhancing this Angular project by adding new features, such as location detection via Google Maps.
- **Workers landing page: recruitment of specialized company.**
 - Led the development of a new website from scratch using Next.js, TypeScript, and the Alnasyan.com code base as a foundation.
- **[alnasyan.com](#): a leading Saudi company in digital marketing and programming.**
 - Built the structure for a multi-language static website using Next.js, TypeScript.
 - Created a new code base for the company and guided the team in developing website components.

Senior Full Stack Web Developer | SwiftX | Cairo, Egypt

Oct 2023 - Sep 2024

- **pangea.ai: Marketplace for connecting agencies with clients.**
 - Boosted backend performance by 70% by migrating from ASP.NET Core to Node.js.
 - Accelerated queries by 300% by switching from CosmosDB to MongoDB and optimizing indexes.
 - Refactored search accuracy by 40% by replacing Azure Search with Elasticsearch.
 - Reduced loading times by 3 seconds through front-end Next.js optimization.
- **Ahlan: Employee scheduling system.**
 - Built a \$15k website with Next.js, Node.js, Express.js, and MongoDB.
 - Integrated Twilio SMS for seamless communication, benefiting 100+ employees communication.
- **projectseye.com: Multi-tenant platform for construction management.**
 - Enhanced 360° VR features in React.js, boosting control and speeding navigation by 200%.
 - Raised on-site workers presence by 25% with real-time user location tracking using Leaflet.
 - Upgraded 5 types of reports for material usage and request tracking.
- **memoa.app: Collector's platform for tracking and sharing doll collections.**
 - Created a \$50k app with Next.js, Node.js, Express.js, and MongoDB.
 - Processed 50+ payments in the first month via Stripe integration.
 - Elevated code quality by 70% through atomic design and rigorous testing using Jest and Cypress.

Full Stack Web Developer | Triangles | Dubai, UAE

Sep 2021 - Sep 2023

- **hajarafa.com: E-commerce site for Haj Arafa hypermarkets.**
 - Developed a site for a \$2M company using Next.js, Node.js, Express.js, and MongoDB.
 - Facilitated \$100k+ in purchases via Mastercard integration.
- **Labina Store: E-commerce for the Labina clothing brand.**
 - Delivered a \$10k website using Next.js, Node.js, Express.js, and MongoDB.
 - Boosted admin productivity by 80% with custom category management tools.
- **Saja Clinic: Medical platform for patient and doctor management.**
 - Developed the project using the MERN stack for 600+ doctors.
 - Created 2 portals: admins portal for managing roles and doctors portal for handling patient visits and treatments.
 - Collected 4,000+ survey responses with custom email tools and campaigns.

Full Stack Web Developer | LIGHT SOFT | Saudi Arabia

Jul 2020 - Aug 2021

- **Inventory: ERP software for financial and operational management.**
 - Improved report clarity by 90% with detailed reports using web technologies and jQuery.
 - Boosted speed by 400% by migrating the front-end from ASP.NET Core to Angular.
- **attadawe.com: Medical complex offering top healthcare services.**
 - Built and optimized the job application module using ASP.NET Core MVC, facilitating 400+ hires.

Front End Web Developer | Freelance | Cairo, Egypt

Mar 2019 - Jun 2020

- **ouddah.com: My personal website.**
 - Delivered 20+ responsive websites using React, Angular, and jQuery.

EDUCATION

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

LANGUAGES

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