

Omar Elsaid

Full Stack Developer

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Profile

Full Stack Developer specializing in MERN stack development (MongoDB, Express.js, React.js, Node.js), with proven experience building scalable, high-performance web applications from end to end. Skilled in modern frontend technologies including React.js, Next.js, TypeScript, and state management solutions (Redux Toolkit, Zustand), alongside strong backend expertise in Node.js, Express.js, and Nest.js. Proficient in database design and management with MongoDB, MySQL, and Supabase, and experienced in integrating REST APIs and third-party services. Adept at translating UI/UX designs into responsive, user-friendly interfaces while ensuring robust server-side logic and optimized performance. Committed to writing clean, maintainable code and collaborating across teams to deliver impactful digital solutions.

Achievements

- Helped establish and implement a **scalable and maintainable frontend architecture** using the right tools and libraries, improving team collaboration and long-term project efficiency.
- Assisted in **refactoring a legacy codebase**, enhancing readability, maintainability, and overall system performance.
- Successfully integrated **payment systems** with GoCardless and Stripe, ensuring secure and seamless financial transactions.
- Delivered multiple full-stack MERN applications with scalable architecture, implementing RESTful APIs and optimized database queries for improved performance

Education

2016 – 2020 Faculty of computers and information
Mansoura, Egypt Mansoura University

Skills

Frontend

(React.js, Next.js, Redux Toolkit, React Query, MUI, Framer Motion, Styled Components, Shadcn UI, Bootstrap, Maps)

Database

(MongoDB, MySQL, Supabase, Firebase)

Tools & Practices

(Git, Agile Methodologies, Postman, CI/CD Basics)

Backend

(Node.js, Express.js, Nest.js, REST APIs, SSR, Socket.io , tRPC)
Payment integration: Stripe, Gocardless

Programming languages

Javascript - Typescript, python

Professional Experience

2025/09 – Present
London - Remote

Full Stack Developer

Carpas.ai

- Developed and maintained a full-stack web application powered by AI agents using **Next.js** (frontend) and **Nest.js** (backend), ensuring high performance, scalability, and clean architecture.
- Integrated **Vertex AI** to build intelligent, automated agent workflows, enhancing the platform’s ability to process, reason, and respond dynamically.
- Deployed and optimized the application on **Google Cloud Platform (GCP)**, leveraging Cloud Run, Cloud Functions, and other managed services for reliability and cost efficiency.
- Implemented real-time and automated communication features through **Twilio** (SMS, WhatsApp, voice).
- Managed analytics, tracking, and user behavior insights using **Google Analytics** and **HubSpot** integrations.
- Built high-performance search and indexing features using **Typesense**, improving search accuracy and response times.
- Utilized **Firebase** services for authentication, Firestore/Realtime DB, cloud storage, and serverless functionality.
- Collaborated with cross-functional teams to deliver smooth user experiences, AI-powered workflows, and robust backend services.

2025/02 – 2025/09
Mansoura, Egypt

Frontend developer

BDAS

- Designed and implemented the project folder structure for a scalable React application.
- Integrated React Query for API calls, reducing integration time and improving data-fetching efficiency.
- Implemented Zustand for global state management, making state setup simpler and more maintainable.
- Developed reusable custom hooks for “load on scroll” functionality, making infinite scrolling easy to implement across multiple components.
- Converted complex Figma designs into pixel-perfect, responsive UIs using Tailwind CSS and Shadcn UI.
- Collaborated with backend engineers to ensure smooth and reliable API data flow.

2023/11 – 2025/02
Damietta, Egypt

Full Stack Developer

Inbots

- Maintained and updated an existing legacy codebase, ensuring smooth delivery of new features and bug fixes without disrupting production.
- Built a high-performance landing page using Next.js, following SEO best practices to improve search engine visibility.
- Developed a dashboard with React.js and TypeScript for real-time data management and analytics.
- Created reusable UI components to maintain consistency and speed up development.
- Integrated RESTful APIs and implemented minor backend features in Node.js for better system functionality.
- Implemented backend features in Node.js and Express, including API endpoints and data processing logic, to support new frontend functionalities.
- Collaborated closely with designers and backend engineers to ensure a seamless user experience.

2024/07 – 2025/06
Cairo, Egypt

Front End Developer (Part time)

Spree Solutions

- Translated complex UI/UX wireframes into interactive web pages, focusing on responsive design.
- Optimized application speed and scalability, improving user engagement.
- Worked closely with stakeholders to align features with business requirements.

2023/01
Freelance

Web service developer

Upwork

Delivered high-quality web services for clients, focusing on responsive design and optimized performance.