

# Osama Al-Sayed Al-Gendy *MERN Stack Developer*

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🌐 OsamaElgendy 🔄 OsamaElgendy

## Education

### Tanta Computer Sciences

*Bachelor's of Technology in Computer Science Engineering*

2020 – 2024

Tanta,, Elgharbia Egypt

## Experience

### Upskilling Jsbootcamp

*React.js, Node.js, Express, Nest.js*

Jun 2024 – Nov 2024

Maadi

- Build complex & highly scalable frontend applications in close cooperation with the
- Translate designs, wireframes, and business requirements into solutions using high-quality code.
- Implement state management solutions (e.g., **Redux**, **Context API**) to manage application data.
- API design and integration: Designed and developed RESTful APIs, ensuring smooth integration with front-end applications, leveraging **Nest.js** for efficient routing and middleware management.
- **Agile development** Followed Agile practices, participating in daily standups, sprint planning, and retrospectives to ensure timely delivery of features.

### Freelancer

*BackEnd, Node.js, Nest.js*

Aug 2024 – Sep 2024

Facebook

- Designed and developed custom Content Management Systems (CMS) tailored to clients' needs, ensuring flexibility and scalability.
- Utilized Node.js and Nest.js to build robust, high-performance back-end services, focusing on efficiency, maintainability, and security.
- Integrated RESTful APIs with front-end systems, enabling smooth data exchange and enhancing the overall user experience.

## Projects

### Portfolio

*Next.js, Vite, Typescript, Tailwind*

Oct 2024 – Nov 2024

<https://www.linkedin.com/posts> 🔗

- Developed a responsive personal portfolio to showcase my skills, projects, and professional background.
- Implemented modern design principles and best practices for web development Hosted on Netlify for seamless deployment

### Hotel Management Application

*React, Vite, TypeScript, L, Material-Ui, Node.js, Express.js, Prisma*

Aug 2024 – Sep 2024

[SourceCode](#) 🔗

<https://www.linkedin.com/posts> 🔗

- Developed the user interface using **React** and **TypeScript**, ensuring a seamless and interactive user experience
- Integrated Material-UI components for a clean, responsive, and modern UI design Components such as data tables, modals, forms, and date pickers were used to enhance the user experience.
- Focused on performance optimization and scalability to handle high traffic and large volumes of hotel-related data.

## TrelloApp

May 2024 – Jun 2024

*Node.js, Nest.js, Typescript, TypeORM, Docker, PostgreSQL*

### SourceCode [↗](#)

- Designed and implemented robust RESTful APIs utilizing Node.js and Nest.js to facilitate smooth board, list, and task management operations; improved data handling efficiency by across user interactions.
- Integrated **JWT (JSON Web Tokens)** for secure authentication, allowing users to register, log in, and manage their tasks and projects securely.
- Developed and maintained robust API routes enabling seamless task management operations, including creation, updating, deletion of tasks between lists; enhanced user experience active users on the platform.

## Project Management System

Jan 2024 – Mar 2024

*React, Vite, TypeScript, Sass, Bootstrap,*

### <https://www.linkedin.com/posts> [↗](#)

- Developed the frontend using React and TypeScript, building a dynamic and interactive user interface for managing projects, tasks, and team collaboration.
- Used **React Functional Components** and Hooks (useState, useEffect, useContext) to manage state and lifecycle events.
- Implemented custom components for various features, such as project boards, task cards, progress bars, user management, and deadlines.

## Skills

**Front-end Technologies** – HTML5 & CSS3 & SASS | JavaScript (EC6+) & TypeScript | Responsive Web Design | | Bootstrap & Tailwindcss & Material-Ui | React.js & Redux & ReduxToolkit | Axios & Fetch API & React Query | Next.js 13 / 14 | SOLID Principles

**Back-end Technologies** – Node.js, Express.js | PostgreSQL | MongoDB | RestfulAPI | NestJs | GraphQL | Prisma | | TypeORM | Firebase&&SupaBase | Npm | Docker

**Tools and Environments** – VSCod | Postman | Figma | Agile | Swagger | Jair

**Version Controls** – Git and GitHub

**Personal Skills** – Team Work | Presentations Skills | Communication Skill

## Languages

- Arabic & English