

Yasser Abdalla

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Objective

Passionate Full-Stack Developer with expertise in Node.js, Express.js, React.js, and Next.js. Experienced in building high-performance, scalable applications, integrating secure authentication, and implementing efficient algorithms. Seeking opportunities to contribute innovative solutions in agile software development teams.

Education

Culture and Science city, BS in Computer Science

Sept 2022 – Present

- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Experience

Software Engineer, (NodeJs , Bun) Freelance

Dec 2023 – Present

- Developed multiple responsive web applications with Next.js, Tailwind CSS, and TypeScript, improving page load speed by 30
- Build a simple e-commerce platform with high performance and real-time capabilities.
- Implemented optimized search and sorting algorithms.

Projects

Aff Titan Offerwall

Live Demo

- Developed a **dynamic offer wall web application** enabling users to complete tasks and earn virtual rewards.
- Built with **React.js, Next.js, and Firebase**, ensuring **scalability, security, and high performance**.
- Designed an **interactive user interface** to enhance engagement and navigation.
- Implemented **real-time reward tracking and user authentication** for a seamless experience.
- **Fully responsive** for an optimized experience across desktops, tablets, and mobile devices.
- **Deployed on Vercel** with automated **CI/CD pipelines** for efficient updates and bug fixes.

E-Commerce Platform (Final Project)

GitHub Repository

- Developed the **backend architecture** for a **full-stack e-commerce platform** as part of an advanced software engineering course.
- Built with **Angular (frontend)** and **Express.js (backend)** using **MongoDB** for scalable data management.
- Implemented **secure authentication, payment gateway integration, and order management systems**.
- Optimized backend performance, reducing **API response times** by 40
- Integrated **JWT authentication and role-based access control (RBAC)** for enhanced security.
- Deployed on **Vercel (frontend) and Render (backend)** with **CI/CD pipelines** for continuous deployment.

Technologies

Languages: JavaScript, TypeScript, Python, SQL

Frameworks Libraries: React.js, Next.js, Redux, Express.js

Tools Platforms: Node.js, Bun, Sanity, Git, MongoDB, REST API