

Osama Alsrraj

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SUMMARY

Motivated and detail-oriented web developer with experience in both front-end and back-end technologies. Passionate about building scalable, efficient, and user-friendly web applications. Adept at solving complex problems, debugging, and writing clean, maintainable code.

EDUCATION

Islamic University Gaza
Software Development

Gaza, Palestine
Sept. 2021 – Expected Sept. 2025

TECHNICAL SKILLS

Spoken Languages: Arabic (Native), English (Intermediate)
Programming Languages: Java, Python, JavaScript, TypeScript
Databases: PostgreSQL, MySQL, MongoDB
Frameworks / Libraries: React, Redux, Node.js, Express.js, MERN Stack
CSS Frameworks / UI: Tailwind CSS, Bootstrap, Chakra UI
ORMs: Prisma ORM
Tools & Platforms: Git, Postman

EXPERIENCE

Front End Developer

Nov. 2024 – Jan 2025

Valueclip

- Design, build, test, and maintain a user-friendly website by using best practices in web development, security, and data protection. .
- Evaluate code to ensure it is valid, properly structured, efficient, reusable, maintainable.
- Optimize the website for maximum speed, performance, and scalability.
- Ensure seamless integration of APIs with back-end services and databases
- Collaborate with the product manager and client to understand requirements and provide technical solutions.

Teaching Assistant

April. 2025 – Present

Massachusetts Institute of Technology's

- Selected by the AUC as their representative TA for a joint program with MIT, providing instructional support and guidance to Gaza students in Egypt in a Python coding course.
- Facilitating problem-solving by assisting students in understanding complex programming concepts and troubleshooting code errors, promoting critical thinking and independent learning.
- Contributing to course improvement by actively participating in discussions and providing feedback on course materials, enhancing the overall learning experience.
- Assisting with grading assignments, quizzes, and projects, ensuring fair and timely evaluation of student work while providing constructive feedback to promote improvement.

PROJECTS

Online Courses Platform | *React.js, Tailwind css, Typescript, Node.js, Express.js, PostgreSQL, Google Cloud, Redux*

- Developed a full-stack online learning platform with role-based access (Admin, Instructor, Moderator, Support, Learner), each with their own custom dashboards.
- Implemented secure user authentication (JWT, Google OAuth, 2FA) with functionalities for account activation/deactivation, password reset.
- Enabled course and content management, including quizzes, assignments, video streaming, and a moderator review system for content approval.
- Integrated Stripe for payment processing, with a subscription model for course access, and provided email services for notifications and reminders.
- Developed a real-time chat support system using Socket.IO for all roles, along with a notification system for reminders and deadlines.
- Added an analytics dashboard for tracking learner progress and performance, and included a publishing system for educational articles.
- Built a dynamic homepage and course discovery system with filtering by category, difficulty level, and instructor to enhance user engagement.
- [GitHub Repository](#)

Food Order Website | *MongoDB, Express.js, React.js, Node.js, Tailwind css, Typescript*

- Built a multi-restaurant food ordering platform where each restaurant manages its own meals, offers, discounts, and handles incoming orders and payments.
- Developed an admin dashboard to add and manage restaurants, view all meals and orders, and perform full CRUD operations across the system.
- Enabled customers to choose delivery location via interactive map, with geolocation saved and sent to delivery personnel for accurate order fulfillment.
- Implemented user features including account creation, order placement, order tracking, order history, and ratings for restaurants and meals.
- Created responsive UI with Tailwind CSS and scalable backend APIs with Express.js and MongoDB.
- GitHub Repository

Threads Clone | *React, Chakra UI, Node.js, Express.js, MongoDB*

- Built a simplified social media application allowing users to register, log in, create posts, like, comment, and follow/unfollow other users.
- Implemented full authentication system with profile management and dynamic follower relationships.
- Used Chakra UI to design a clean, accessible, and responsive interface similar to Threads.
- Built RESTful APIs with Express.js and MongoDB to manage users, posts, comments, and likes.
- GitHub Repository