


TAREK SAAD

Full Stack Developer

 portfolio-ten.vercel.app/

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Full Stack Developer , Fast learner with a strong ability to adapt to new technologies quickly. Passionate about building high-performance web applications with clean and efficient code.

WORK EXPERIENCE

Graduation Project – Adaptive Learning Recommendation System May 2024 – Present

- Led the system design and managed task delegation within the team, ensuring efficient project execution.
- Played a key role in implementing machine learning algorithms to enhancing recommendation accuracy.
- Developed core backend with Node.js (Express) for data management (MongoDB, PostgreSQL) and Python (Flask) for ML integration.
- Developed the client-side interface using Next.js, delivering a smooth and responsive user experience.

Information Technology Institute (ITI) – Android Full-Stack Development July 2024 – September 2024

- Learned clean code principles and clean architecture through intensive training .
- Led the team as project leader, managing GitHub branches and task distribution.
- Enhanced problem-solving and debugging skills through continuous feedback from instructor.

Benha Hackathon – Real-Time Sign Language Translation App January 2024 – February 2024

- Developed an AI-powered app that translates sign language into audible speech in real time.
- Integrated video conferencing to facilitate seamless communication for individuals with hearing impairments.
- Ensured accessibility and accuracy through extensive user testing with the target community.

PROJECTS

Learning Management System App, Freelance

- Developed a full-featured Learning Management System (LMS) to enhance online education.
- Implemented interactive course creation, student progress tracking, and exam management.
- Designed a user-friendly interface to ensure seamless navigation and accessibility.

Doctor Appointment - Online Consultation System , Freelance

- Built an advanced online doctor appointment and consultation platform.
- Enabled seamless scheduling, automated reminders, and real-time video consultations.
- Integrated secure authentication and data encryption for patient confidentiality.

ChatApp - Real-Time Chat Application , collage project

- Developed a real-time chat application supporting one-on-one and group conversations.
- Implemented features like text messaging, media sharing, and user status indicators.
- Ensured data security with end-to-end encryption and real-time database synchronization.

EDUCATION

Bachelor of Science in Computers and Artificial Intelligence Oct 2021 – June 2025

Matrouh University

TECHNICAL SKILLS

TypeScript
ExpressJS
NestJS

React
Next.js
Tailwind

SQL
MongoDB
Neo4j