

Mahad Wajid

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EXPERIENCE

OMNI SOLUTION AI | BACKEND DEVELOPER

Sept 2022 – Jul 2024

- Built RESTful APIs using **Node.js + Express** for posture detection and fitness tracking.
- Integrated MongoDB with optimized queries, cutting response time by **30%**.
- Collaborated with AI engineers to deploy ML models into production pipelines.

ELEVVO.TECH | BACKEND / FULL STACK DEVELOPER

Aug 2024 – Sept 2025 | Cairo, Egypt (Remote)

- Developed **Node.js backend APIs** for customer management dashboards.
- Implemented JWT-based authentication and role-based access control.
- Contributed to frontend features in **React.js**, enhancing UI responsiveness.

SELECTED PROJECTS

- **Intrusion Detection Platform (FYP)** – Node.js backend + Python ML integration for real-time IoT intrusion detection; deployed with Apache reverse proxy + SSL.
- **SocialEcho** – MERN social platform; Node.js backend with secure JWT auth and MongoDB aggregation pipelines.
- **Healthcare Apps** – Backends in Node.js for *Diabetic Website*, *HealthGuard AI*, *HealthEase*; APIs for health tracking, predictions, and patient management.
- **Management Systems** – Node.js backends for *Laboratory System*, *University System*; scalable APIs for records, scheduling, and roles.
- **E-Commerce Website** – Node.js backend with **Stripe payments** + webhook handling.
- **Fitness + AI App** – Node.js APIs integrated with ML model for personalized workouts.
- **CARMOD AR App** – Node.js backend powering AR-based car modification features.

HACKATHONS

GOOGLE CLOUD VERTEX AI HACKATHON | BACKEND + CLOUD INTEGRATION

- Node.js APIs with Firebase authentication; integrated ML model endpoints on GCP.

BAY2BAY HACKS 2025 – PANTRYMIND | BACKEND LEAD – MERN APP

- Node.js + MongoDB backend with APIs for pantry tracking; integrated Flask ML service for recipe generation with <2s latency.

EDUCATION

COMSATS UNIVERSITY ISLAM-ABAD, ABBOTTABAD

BACHELOR IN SOFTWARE ENGINEERING

TECHNICAL SKILLS

BACKEND DEVELOPMENT

Node.js • Express.js • REST APIs • JWT Auth

DATABASES

MongoDB • PostgreSQL • SQL • Firebase

DEVOPS & DEPLOYMENT

Docker • Nginx • AWS • DigitalOcean

FRONTEND & TOOLS

React.js • Git/GitHub • Postman

VOLUNTEERING &

EXTRACURRICULAR

General Ambassador, TPS
Active Member, Soft Society
Participant, Viso Spark Competition

LINKS

Github:// [mahadwajid](#)
LinkedIn:// [mahadwajid](#)