ALIAA HESHAM ZAKI

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Profile

Fullstack Developer and **ITI Graduate** with experience in building end-to-end web applications. Skilled in devel- oping **scalable, high-performance systems** with backend integrations and real-time features. Comfortable working in **Agile teams** and meeting project goals. Strong **problem-solving skills** proven through ICPC participation. Currently learning more about **cloud deployment** and **DevOps** to improve scalability and efficiency.

Work Experience

Freelance Development Team   2025
Kindergarten Management System – Angular, Node.js, MongoDB, OpenAI/Gemini Chat- bot

- Designed Node.js REST APIs with MongoDB schema, added chatbot features
- Backend ⬏ — Frontend ⬏

Freelance Development Team   2025
Job-Board Platform – Vue.js, Laravel, MySQL

- Built a scalable job-board with authentication, role-based dashboards, and advanced job filtering, chatbot
- Optimized MySQL queries for performance
- Backend ⬏ — Frontend ⬏

Ischool Programming Instructor (Remote)   2025

- Trained and taught students Python, Mblock IDE
- Conducted coding workshops and mentoring

Education

Information Technology Institute (ITI)   2024-2025
Open Source Application Development Diploma

- The ITIANS Community – Laravel, React, Supabase(Realtime), RAG Chatbot, Vercel, Docker
- Backend ⬏ — Frontend ⬏
- Medical Project – React, Django, PostgreSQL
- Backend ⬏ — Frontend ⬏
- E-learning Platform – HTML, CSS, JavaScript, Local Storage
- Repo ⬏ — Website ⬏

Minya University   2020-2024
Bachelor's Of Computer Science (GPA: 2.68/4.0)

- Health Insurance System – Angular, Laravel, MySQL
- Repo ⬏

Technical Skills

Programming Languages: JavaScript (ES6+), PHP, Python, C++ ,C
Backend: Laravel, Nodejs(Express), Django, REST APIs, Authentication & Authorization, MVC, OOP
Databases: MySQL, PostgreSQL, MongoDB, Supabase (Realtime)
Frontend: React.js, Vue.js, Angular, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap 5
Deployment & Cloud: Vercel, Docker(learning), AWS (learning), CI/CD (GitHub Actions) (learning)
Methodologies: Agile
Tools: Version Controle (Git, GitHub), Linux, Bash

Courses & Training

Programming

- SQL – HackerRank (2024)
- Modern JavaScript (ES6+) – MaharaTech (2024)
- TypeScript Fundamentals – MaharaTech (2024)
- React.js Fundamentals – MaharaTech (2024)

- JavaScript – MaharaTech (2023)

Web & Database
  - CSS – HackerRank (2024)
  - Introduction to MongoDB – MaharaTech (2024)
  - Web Apps with PHP & MySQL – MaharaTech (2023)
  - Web Design – NTI (2023)
  - Database Fundamentals – MaharaTech (2023)
  - WordPress – Coursera (2025)

Activities

ICPC Participant
  - Gained extensive experience in algorithmic problem solving
  - Developed teamwork and time management skills
  - Solved problems on Codeforces, LeetCode, and HackerRank

Languages

English

Arabic