

Mahmoud Mohamed

Software Developer

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ABOUT ME

I'm an experienced Fullstack developer with a 7-year track record in computer science. I've excelled in creating internal network solutions and leading teams. Currently transitioning to web development, I specialize in building applications from scratch using JavaScript (Node.js, Express, React) and CSS/SCSS (Bootstrap, Tailwind) for custom responsive layouts. Proficient in Next.js, TypeScript, Bootstrap, Tailwind, Figma, Node.js, Express, API (OpenAI), and MongoDB, I'm eager to contribute my skills and experience in a collaborative team environment.

EXPERIENCE

Web-Developer – Freelance, Remotely Building up custom web applications

Upwork

March 2023 - PRESENT

- Built applications from the ground up using JavaScript (Node.js, Express, React), CSS/SCSS (Bootstrap, Tailwind) with custom responsive layouts.
- Ensured web applications meet Web Content Accessibility Guidelines (WCAG).
- Optimized performance and web core vitals through image optimisation, leveraging CDNs when possible, and minimizing the use of plugins to ensure a smooth user experience.
- Developed new features, provided maintenance, and troubleshooting any issues and bugs.

Technologies and tools: Next.js, JS, React, TypeScript, Bootstrap, Tailwind, Figma, Node.js, Express, API (OpenAI), MongoDB.

SKILLS

TypeScript, JavaScript (ES6),
React.js, Next.js & Node.js
Git, GitHub
Express.js
Postman API
MongoDB | Mongoose
Tailwind CSS, Bootstrap
RestAPI-Design
Figma. UI/UX
Test-Driven Development
Vite, jest, API Testing
Unit & Integration Testing
Agile workflows (pair & mob programming, user stories, scrum), CI/CD

LANGUAGES

English (fluency)

German (intermediate - B1)

Arabic (native)

IT administrator/ Team leader

AL FAJR FOR TECHNOLOGY (Cairo, Egypt) custom network solutions

July 2016 - January 2021

- Project management in a team of 3 people: planning, budgeting, client-faced communication, coordination, customer support.

Network engineer (May 2014 - Apr 2016)

- Participated in 100+ projects for designing and building internal networks infrastructure for a wide range of clients (up to 50 machines in the different cities) defining requirements; setting up hardware and software; maintenance, optimizing performance of the intranets.

EDUCATION

Full Stack Development Program

BIT – Beam Institute of Technology, Berlin

January 2023 – February 2024

[Beam Institute of Technology](#)

Degree in computer science

University of Cambridge, London

October 2012 – May 2014

<https://www.cam.ac.uk/>

PROJECTS

Airbnb

<https://rent-your-home-green.vercel.app/>

<https://github.com/Mahmoud-8/Airbnb>

code-cycle-squad

<https://mahmoud-8.github.io/code-cycle-squad-/>

calculator

<https://github.com/Mahmoud-8/calculator>

CERTIFICATIONS

Introduction to Software Engineering

<https://www.coursera.org/account/accomplishments/certificate/AFS3M6U9EB3G>

Introduction to Agile Development and Scrum

<https://www.coursera.org/account/accomplishments/certificate/TKEZ5E6D38P6>

Introduction to Cloud Computing

<https://www.coursera.org/account/accomplishments/certificate/AF6QBHQW54N>