TAWFIQ ZAYYAD

SOFTWARE DEVELOPER

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SUMMARY

Highly motivated Developer with rapid learning ability and dedication to build impactful software. Strong problem-solver with agile mindset and commitment to constant growth.

TECHNICAL SKILL

Frontend: HTML | CSS | JAVASCRIPT | TYPESCRIPT | REACT | VITE | REDUX | STYLED COMPONENTS | MATERIAL UI

Backend: NODE JS | EXPRESS JS | PYTHON | FLASK | REST APIs

Databases: mySQL | SQLite | MOGO DB

DevOps & Tools: GIT | GITHUB | WEBSOCKETS | JWT | POSTMAN | AUTHO | AWS LIGHT-SAIL | NginX | PWA | LINUX/MAC/WIN – OS

EXPERIENCE

Full Stack Developer   makesapp.co   🔗 Recommendation Letter

Bootcamp Full-Stack Internship: Built a mobile-first hobby chat app with 3 interns, handling frontend and backend.

- **Showcased Git skills** via pull requests, branch management, and conflict resolution; mentored peers on best practices.
- **Worked** within an Agile environment, adhering to weekly sprints, delivering punctual demos, and participating in daily meet-ups.
- **Built** full-stack chatting system with instant translation, profanity detection, and automatic message deletion.
- **Designed** and refined object models with Mongoose schemas. Handled CRUD routes and requests for both users and chat messages.
- **Led** a server deployment & website hosting on AWS Lightsail ubuntu CLI OS with nginX reverse proxy.

PROJECTS

- HARVARD CS50 Final Project. Full-Stack (REACT & FLASK SQL) Blog Posts Website — CRUD posts, comments, responsive for desktop & mobile. 🔗 **YOUTUBE APP DEMO**
- Built a full-stack MERN TypeScript app to keep deployed servers awake and running continuously. 🔗 **YOUTUBE APP DEMO** 🔗 **GITHUB REPO**
- Arabrew ChatApp: (Internship) 🔗 **GITHUB REPO**
- AWS Lightsail ubuntu CLI deployment step by step Guide 🔗 **AWS Deployment Guide**

EDUCATION

Practical Software Engineer – TECHNION   OCTOBER 2025 - PRESENT

Introduction to Computer Science – Harvard CS50: 🔗 **Certificate**   2025
- **Gained** solid computer science foundations: algorithms, data structures, and problem-solving…
- **Built** projects using C, Python, SQL, JavaScript, and web technologies.

DATA STRUCTURES & ALGORITHMS 🔗 **Course Curriculum**   AUGUST 2023 — OCTOBER 2023
ZERO TO MASETRY (ZTM)

Full Stack (MERN) Development Bootcamp 🔗 **Certificate**   DEC 2022 — JUNE 2023
Appleseeds academy DEC 2022 — JUNE 2023
- **Completed** a 6-month, 720-hour intensive bootcamp, where i developed deep understanding of MERN full stack web development
- **Demonstrated** the ability to work independently and as part of a team by completing group projects that simulated real-world situation..
- **Developed** strong problem-solving and high analytical skills