Ali *Alchikh Ibrahim*
Full Stack Software Engineer

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Summary

Software engineer with 4+ years of experience developing, maintaining, and improving applications/websites. Proven ability to design, develop, and test scalable and reliable software, with expertise in frontend and backend development along with cloud computing. Passionate about leveraging technology in healthcare and AI-driven solutions.

Experience

Hersey Hack Club Director

Hack Club | *John Hersey High School, Arlington Heights*
May 2024 - Present

- Organizes and leads meetups to teach programming
- Fosters a learning environment for students interested in technology

Full Stack Software Engineer Intern

Hersey Developers | *John Hersey High School, Arlington Heights*
January 2024 - May 2024

- Developed a scalable backend using NodeJS, Express, and MongoDB for an e-commerce spirit-wear website.
- Diagnosed and resolved bugs, improving system stability

HSHacks 2025 Co-Director

HSHacks | *John Hersey High School, Arlington Heights*
April 2024-Present

- Manage event logistics, including scheduling, venue setup, and sponsorships.
- Promotes and executes HSHacks, managing 100+ registrations and ensuring an engaging attendee experience.

Skills

Frontend	Backend
HTML, CSS, JavaScript, TypeScript, CSS, Swift, Vite, NextJS, NextTS, ReactJS, ReactTS, JSON, TailwindCSS	PHP, Python, NodeJS, Express, MongoDB, Firebase, phpMyAdmin, mySql, Vercel, Tensorflow
Developer Skills	**Other Skills**
GitHub, Trello, Postman, RapidAPI, DevTools, VSCode, XCode, Pycharm	Productivity, Time Management, Collaboration

Projects

ZoneMaze   github.com/AAlchi/ZoneMaze

- ZoneMaze focuses on helping individuals with ADHD by guiding users to build their own life rather than building it for them. The goal is to get people productive and to help them build their best life.
- Features like chatting anonymously, schedule templates, quotes, notes, white noises, and more help users organize their life.
- Bonding with the app is important, which is why ZoneMaze includes theme colors and allows users to organize their app on the homepage

HSSocial   github.com/AAlchi/HSSocial

- School Hack Club Social media site built for communication between Hack Club members and to have announcements.
- Allows users to have a challenge where they can see the scores on the website to see their place on the challenge.

MTT Bank   github.com/AAlchi/mttbank

- Fantasy banking website created to learn how banking works.
- HTML and CSS for the client side and PHP for the server side.
- MongoDB database used to store information.

Music From Spotify   github.com/AAlchi/Music

- Fetches music data from your Spotify account and puts it on the website as sort of a "dashboard" look.
- NextTS used for the client and server side.
- TailwindCSS used to style the website.
- SpotifyAPI used for Spotify data.

Awards

First Place – Congressional App Challenge (IL-09, 2024)

- Recognized for excellence in software innovation
    - congressionalappchallenge.us/23-il09/

D214 App Showcase (2024)

- Presented ZoneMaze at the Apple Store, Michigan Avenue, Chicago
    - youtube.com/watch?v=nQ_BhnbvLn8&t=3s

Languages

English - Fluent   **Arabic** - Fluent   **French** - Intermediate