Ali *Alchikh Ibrahim*
Full Stack Software Engineer

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

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.

Experience

Hersey Hack Club Director   **Hack Club**
John Hersey High School, Arlington Heights
May 2024 - Present
- Responsible for coordinating and running meetups to help people learn how to code.

Full Stack Software Engineer Intern   **Hersey Developers**
John Hersey High School, Arlington Heights
January 2024 - May 2024
- Developed a scalable backend using NodeJS and Express for the server, and MongoDB as the database, for an e-commerce spirit-wear website created for John Hersey High School.
- Diagnosed and fixed bugs that were and were not apparent to all users.
- Coordinated with the project manager with technical and instructional issues.

HSHacks 2025 Co-Director   **HSHacks 2025**
John Hersey High School, Arlington Heights
April 2024-Present
- Manages the scheduling, venue setup, and overall coordination of the hackathon.
- Coordinates with sponsors, managing partnerships, and handling finances.
- Promotes HSHacks, managing registrations, as well as ensuring a memorable experience for attendees.

Skills

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

Projects

ZoneMaze   https://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   https://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
- 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   https://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 - ZoneMaze wins Congressional App Challenge 9th District Illinois   **2024**
- Link to award: https://www.congressionalappchallenge.us/23-il09/
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D214 App Showcase - ZoneMaze Presentation at Apple Store Michigan Avenue, Chicago Illinois   **2024**
- Presentation video: https://www.youtube.com/watch?v=nQ_BhnbvLn8&t=3s
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