

Shihab Mahamud

Software Engineer Intern

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Summary

After graduating from **high school**, I was introduced to programming through the Internet. I began learning programming with the C language, using Tamim Shahriar Subeen's book "Computer Programming". Subsequently, I engaged in problem-solving on various Competitive Programming platforms using C/C++. Over a period of 1.5 years, I solved over 1100+ problems. During problem-solving, I also learned Data Structure And Algorithms

My interest then shifted towards Web application development, prompting me to initially delve into backend development with Node.js, followed by frontend development with React.js. Over the past year, I have been engaged in contract-based work with a company called Finnex.co, where I have contributed to several notable projects. Currently, my focus lies on **JavaScript/TypeScript** (React.js/Next.js, Solid.js), **PHP** (Laravel, Wordpress) stacks. I am deeply passionate about continuously expanding my skill set and am actively seeking an **Intern position** as a software engineer. Also, I am currently a 4th year diploma student at Faridpur Polytechnic Institute studying Computer Science.

When I'm not coding, I enjoy walking on the street, watching movies, and chatting with friends and family. I also enjoy **learning new things**.

Skills

JavaScript • TypeScript • PHP • WordPress • React • Tailwind • C++

Work Experience

Full stack Developer

May 2023 – present

Finnex • Contract

Remote

Technologies: JavaScript • PHP • React • WordPress • Tailwind css

I build some custom WordPress plugins and react applications for this company.

Projects

PaystubHero

Apr 2023 – present

1 coworker

Technologies: JavaScript • React • PHP • WordPress

This WordPress plugin manages the core operations of PaystubHero.com, an online service for generating payroll documents such as paystubs, W-2s, and 1099 forms. It handles tasks like tax calculation, real-time preview generation, payment collection from customers, and high-quality PDF document generation. Additionally, it facilitates document delivery via email. The plugin integrates a React App for tax calculation and document preview, accessible through WordPress shortcode. Backend functionalities such as PDF generation, email sending, secure payment collection, and document storage are implemented using WordPress Rest API.

Tic Tac Toe

Apr 2024 – May 2024 • 1 mo

Technologies: TypeScript • Solidjs • Vite • Tailwind css

This a fun project that I build in my free time. This Tic Tac Toe game is implemented with SolidJS (A reactive UI library tailored for crafting web applications, offering an alternative to React.js.). I used TypeScript to write the Solid code. Also, Vite is a build tool.

In this project, I implemented a powerful bot with the Minimax algorithm, People can play the game with this Bot. We have 3 levels here (easy, normal, and hard). Also, there is an option to play the game with 2 human players.

X (A go cli tool)

Dec 2023 – Feb 2024 • 2 mos

Technologies: Go (Golang)

X was to simplify and automate various tasks involved in the software development process. By providing a command-line interface, X aimed to streamline common tasks and enhance developer productivity.

Education

Diploma in Engineering: Computer Science

Dec 2021 – Dec 2024 • 3 yrs

Faridpur Polytechnic Institute

Faridpur, Bangladesh

High School: Science

Jan 2018 – Jan 2020 • 2 yrs

Kashiani G C Pilot High School

Kashiani, BangladeshGopalgong, Bangladesh

Certifications & Awards

Think in a Redux way Course - Sumit Saha

Feb 2023