

# Zahin Azmayeen

[zahin06@gmail.com](mailto:zahin06@gmail.com) | [permafrost06.com](https://permafrost06.com) | [github.com/permafrost06](https://github.com/permafrost06)

## EXPERIENCE

---

### Senior Software Engineer (Remote)

Mar. 2024 – Present

*Dotcamp*

*Company based in NY, USA*

- **Tableberg** | *React, Redux, Typescript, Monorepo*: Tableberg is a table builder plugin for the WordPress block editor. Developed the product from scratch and led further development.
- **WPP Deployer** | *Docker, Golang*: Created a CI/CD pipeline for accelerating testing procedure by introducing automation. When new plugin code is pushed to GitHub, a wordpress site pre-configured with testing data and the latest version of the plugin gets deployed.
- **Ultimate Blocks** | *React, PHP*: Ultimate Blocks is a collection of blocks for the WordPress block editor. Mitigated major architectural limitations that caused significant bugs and hindered development.
- **WP Table Builder** | *JS, PHP, Vue*: WP Table Builder is a table builder plugin for WordPress. Finalized strategy to overhaul codebase and architecture enabling development of new advanced features.
- **Infrastructure overhaul** | *CI/CD, Monorepo, Puppeteer*: Implemented a modernized development workflow by implementing standard practices including monorepo, CI/CD, and E2E testing across all products. This reduced code duplication which was a regular source of bugs and improved developer productivity.

### Software Engineer (Remote)

Mar. 2023 – Feb. 2024

*Dotcamp*

*Company based in NY, USA*

- **WP Table Builder** | *JS, PHP, Vue*: WP Table Builder is a table builder plugin for WordPress. Worked on adding new backwards compatible features and fixes to legacy codebase. Developed a system to streamline backwards compatibility. Explored strategies to make the legacy codebase modern and efficient.

### Freelance

Jan. 2021 – Present

*Software Engineer*

- **Diagman** | *Vue, Tauri, CF Worker, Turso, Drizzle*: Patient management software for a diagnostic centre. Led development and planning. Deployed using serverless technology.
- **Sales Software** | *Laravel, Vue, MySQL*: Sales software for multiple clothing shops. Led development, planning, and deployment. Deployed in self hosted servers.
- **Thesis Coding** | *Matlab, Arduino, Python, Javascript*: Wrote a simulation program for a master's thesis paper. It analyzes sensor data using Pearson Correlation, Euclidean Distance, NSGA-II, and Monte-Carlo simulation. It is highly optimized and capable of running hundreds of times per second on low end hardware. Assisted in developing a bachelor's thesis and coded multiple ESP32 boards to create a star BLE network and transmit sensor data between them. Created a web portal to display the sensor data and stress test the network.

## EDUCATION

---

### Shahjalal University of Science and Technology

Sylhet, Bangladesh

*Bachelor of Science in Oceanography*

*Feb. 2017 – Jan. 2021*

## TECHNICAL SKILL

---

**Programming languages:** TypeScript, JavaScript, PHP, Golang, Python, Bash, Kotlin

**Frontend Technologies:** React, Redux, Tanstack Query, Vue, Nuxt, Pinia, Tailwind, SCSS

**Backend Technologies:** Express, Laravel, Flask, Firebase

**Database Management:** MySQL, SQLite, IndexedDB, PouchDB, Firebase firestore, Drizzle

**Other Web Technologies:** Vite, Webpack, PNPM, PWA, Service Workers, Webhooks, Websockets, Zod

**Version Control:** Git, GitHub, Gitlab