Hasibur Rahman

Software Engineer

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WORK EXPERIENCE

weDevs   January 2023 - Present

Software Engineer

- Contributed to a **SaaS e-commerce microservice architecture** using **TypeScript**, **React.js**, **Next.js**, **Node.js**, **Express**, **PostgreSQL**, and **MongoDB**.
- Built a dynamic **drag-and-drop page builder** (similar to Elementor) enabling merchants to visually customize their e-commerce stores and marketplaces.
- Engineered **dynamic storefront rendering** based on customized layouts, improving load times and ensuring seamless user experience.
- Developed core platform features like **mobile authentication**, **OTP verification**, and automated **store/marketplace creation with background job queues**.
- Worked across multiple services including **catalog-service**, **shipping-service**, **content-service**, and contributed to a shared **UI component library**.

PROJECTS

Copyclip   Rust (Tauri) & ReactJS

Cross-Platform Clipboard Manager

- Built a **clipboard history manager** using **Rust (Tauri)** for backend and **ReactJS** for frontend UI.
- Implemented real-time **clipboard listeners** to capture and store **text and image** entries with smooth background updates.
- Used **SQLite** as local database with **Tauri SQL plugin** for reliable interactions.
- Focused heavily on **performance optimizations** and **seamless cross-platform compatibility** (Windows, macOS, Linux).

Hono.js Decorator Router   TypeScript npm Package

Decorator-based Routing Controller for Hono.js

- Created a **decorator-driven routing library** for **Hono.js** to simplify API development with an intuitive **controller and service structure**.

SKILLS

- **Frontend Development:** React.js, Next.js, Tailwind CSS, Radix UI, HTML5, CSS3, JavaScript, TypeScript
- **Backend Development:** Node.js, Express.js, Nest.js RESTful APIs
- **Desktop Application:** Rust (Tauri), SQLite, SeaORM
- **Database Management:** PostgreSQL, MongoDB, MySQL, SQLite
- **Authentication & Security:** JWT, OAuth, OTP Verification, Role-Based Access Control (RBAC)
- **Server & DevOps:** Linux Server Management, Nginx, Deployment (EC2, VPS, S3), PM2, Docker basics
- **Software Architecture:** Microservices, Background Jobs, Queue Processing
- **Programming Languages:** TypeScript, JavaScript, Rust, PHP, SQL, Bash
- **Other Tools & Technologies:** Git, GitHub Actions (CI/CD).

EDUCATION

NIET - Dhaka   2019 - 2023
Computer Technology