SAHADAT HOSSEN *Software Engineer*

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PROFILE

Full-Stack Software Engineer with **4+ years** of experience building scalable, high-impact applications at BizReflex. Skilled in **TypeScript, JavaScript, NodeJs, PHP, MySQL**, and **PostgreSQL**, with strong expertise in full development lifecycle and system architecture. Successfully delivered complex platforms, including a **Technician-Customer Coordination System (TekumoPro)** and **Garments Production Tracking** solutions. Seeking an opportunity to contribute to innovative, growth-driven teams.

SKILLS

Programming language: **TypeScript, JavaScript,** PHP
Frontend: HTML5, CSS3, SCSS, Bootstrap, Tailwind CSS, **Angular**, RxJS, **React**, Next.js, **jQuery**, AJAX
Backend: **Node.js, NestJS, Laravel, Express.js,** RESTful APIs, Swagger, RabbitMQ
Databases & Storage: **MySQL, PostgreSQL,** Redis
ORM & Query Builders: **Knex.js, Sequelize**, TypeORM, Prisma
DevOps & Tools: **Git**, **Docker**, Postman, Jest, **Linux**
Concepts: Object-Oriented Programming (**OOP**), **System Design** (Basic), WebSocket, **API Integration, Authentication & Authorization, Performance Optimization, CI/CD pipelines**

PROFESSIONAL EXPERIENCE(4+ YEARS)

Software Engineer, *BizReflex* ⬈   06/2023 – Present │ 2.8+ years
- Designed and developed **scalable, high-performance backend systems** using **NestJS and Node.js**, following clean architecture and industry best practices
- Built and maintained **secure RESTful APIs** with proper **authentication, authorization, and request validation**, while optimizing **PostgreSQL queries** to improve overall application performance
- Developed and integrated **modern frontend features** using **Angular, React, and Next.js**, implementing **modular, reusable, and maintainable code**

Web Developer, *Barcodetech-Automation* ⬈   11/2021 – 05/2023 │ 1.6 years
- Developed and maintained a **Garments Production Tracking System** using **Laravel, jQuery, and MySQL**, automating end-to-end production workflows
- Implemented core modules including **fabric batch tracking, dyeing, cutting, inventory management, and shipment tracking**, enabling real-time production monitoring
- Designed and optimized **MySQL databases and queries**, improving **system performance, data accuracy, and scalability**

PROJECTS

TekumoPro ⬈,   06/2023 – Present
Real-time, Uber-style field service management in one platform.
- Built an **Uber-style real-time field service platform** enabling automated job assignment and technician tracking
- Implemented **scalable backend services** with **NestJS, RabbitMQ, Redis**, and optimized **PostgreSQL** queries
- Developed real-time frontend features using **Angular and RxJS**, deployed via **Docker**

Fabric Batch Tracking System, *End-to-End Fabric Production*   2021 – 2023
Tracking System for the Garments Industry
- Developed a **full-cycle fabric tracking system** from yarn receipt to shipment using **Laravel, MySQL, jQuery, jq-Grid, Redis**.
- Implemented **barcode-based tracking** for production, dyeing, cutting, sewing, ironing, packing, and shipping to ensure **full traceability and operational efficiency**.
- Automated **batch monitoring, inventory management, and reporting**, reducing production errors and shipment delays.

EDUCATION

BSc in CSE, *First Capital University of Bangladesh* ⬈   01/2017 – 12/2020 │ Chuadanga

Diploma In Computer, *Jhenaidah Polytech Institute* ⬈   09/2011 – 12/2015 │ Jhenaidah