

Muhammad Sujon

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Github: <https://github.com/developer-sujon>

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Career objectives

Lead Software Engineer with 5+ years of experience architecting and building high-scale web platforms, type-safe APIs, and cloud infrastructure across Sitgram, Yupsis, and Shunno IT. Proven expertise leading engineering teams, designing multi-tenant Turborepo monorepos, and deploying distributed systems using Next.js, React, Node.js, NestJS, and Cloudflare Workers. Passionate about performant system architecture, clean type contracts, and engineering reliable software with measurable business value.

Technical skills

Languages	: TypeScript, JavaScript (ES6+), HTML5, CSS3, SQL.
Frameworks	: Next.js (App Router), React 19, NestJS, Express.js, Hono, Tailwind CSS.
Libraries & State	: Redux Toolkit, TanStack Virtual, Zustand, Radix UI, Prisma ORM, Drizzle ORM, Mongoose.
Databases & Cache	: PostgreSQL, Supabase (Hyperdrive), MongoDB, Redis.
Cloud & DevOps	: Cloudflare Workers, Durable Objects, Cloudflare Queues, Docker, Linux VPS, Nginx, PM2, GitHub Actions CI/CD, AWS, GCP.
Architecture	: Multi-Tenant Monorepos (Turborepo), Microservices, oRPC (Type-Safe RPC), RabbitMQ, BullMQ, Socket.io, REST APIs.
Networking & IoT	: MikroTik RouterOS API, WebSockets, MQTT, Serial Communication, IoT Automation.
AI & Search	: Workers AI, Cloudflare Vectorize, Multilingual Embeddings (BGE-M3), Claude & OpenAI API.
Tools & Practices	: Git, GitHub, GitLab, VS Code, Agile/Scrum Development, Object-Oriented Programming (OOP).

Employment Records

Lead Software Engineer	Dec 2024 – Present
Sitgram	On-site · Rajshahi, Bangladesh
<ul style="list-style-type: none">Spearhead engineering team workflows — sprint planning, pull request reviews, and technical mentorship across multi-tenant platforms.Architected Willro multi-tenant web platform monorepo in Turborepo with shared design systems and type-safe validation packages.Implemented end-to-end type-safe API communication using oRPC between frontend client applications and backend microservices.Optimized Elizn spreadsheet data grid using TanStack Virtual, achieving 60 FPS scrolling over 50,000+ data rows.Configured asynchronous task processing with RabbitMQ, distributed caching with Redis, and containerized deployments via Docker.Maintained high-availability Linux VPS production environments with Nginx reverse proxying and automated CI/CD pipelines.	

Software Engineer

Sep 2024 – Dec 2025

[Yupsis](#)

Hybrid · Rajshahi, Bangladesh

- Architected edge computing backends using Cloudflare Workers, Durable Objects, and Cloudflare Queues for sub-50ms global latency.
- Designed Zotlyx Two-Zone Split Architecture, routing real-time edge messaging webhooks directly to Supabase PostgreSQL.
- Developed Torongo Cloud MikroTik hotspot billing system with automated voucher generation and remote router synchronization.
- Engineered Eazlock IoT device locking platform with asynchronous cron queues, MQTT/Serial communication, and tamper defense.
- Built type-safe RPC contracts with oRPC and Hono, linking Next.js frontend interfaces to edge worker backends.
- Configured automated test and deployment pipelines using GitHub Actions for seamless edge and cloud deployments.

Junior Software Engineer

Dec 2022 – Jun 2025

[Shunno IT](#)

On-site · Rajshahi, Bangladesh

- Developed full-stack SaaS solutions, enterprise retail inventory platforms, and ISP billing engines using React, NestJS, and MongoDB.
- Engineered multi-store inventory synchronization, double-entry accounting ledgers, and barcode POS synchronization for Hisabnikash.
- Connected NetFee billing software directly to physical MikroTik routers using RouterOS API sockets for real-time customer management.
- Built real-time agent presence and live system notifications using Socket.io and Redis pub/sub.
- Implemented secure HMAC signature verification and webhook idempotency safeguards for Shunno Pay.
- Set up streaming file upload pipelines in Node.js to eliminate out-of-memory server crashes in Shunno Storage.

Frontend Web Developer

Jan 2020 – Aug 2022

[WorldSoftZone](#)

On-site · Meherpur, Bangladesh

- Developed modern, responsive client websites and customized e-commerce storefronts using JavaScript, Bootstrap, Tailwind CSS, and WordPress.
- Converted Figma and Adobe XD design mockups into pixel-perfect, accessible, and cross-browser compatible web layouts.
- Diagnosed and resolved UI bottlenecks, improved SEO performance, and enhanced mobile user experience across 15+ client projects.
- Collaborated directly with UI/UX designers and project stakeholders to implement rapid feature iterations.

Academic Information

Degree / Certificate	Result (CGPA/GPA)	Name of Institution	Passing Year
Diploma in Engineering (CSE)	NA	Meherpur College of Engineering and Technology	Coursework Completed
SSC	3.87	Amjhupi Secondary School	2018

Official Projects

• Title: Willro: Multi-Tenant Web Platform Monorepo (SaaS)

Project Description: Enterprise-grade multi-tenant web platform unifying merchant storefronts, client portals, and administrative dashboards into a single Turborepo with wildcard subdomain routing.
Technology: Next.js 15, Turborepo, TypeScript, oRPC, Tailwind CSS
Project Link: <https://willro.com>

• Title: Elizn: High-Performance Data & Spreadsheet Platform (SaaS)

Project Description: Large-scale data management platform featuring virtualized spreadsheet grids that render tens of thousands of rows smoothly with instant formula calculations.
Technology: Next.js, React 19, TypeScript, TanStack Virtual, Tailwind CSS
Project Link: <https://elizn.com>

- **Title: Zotlyx: Multi-Channel Customer Support Platform (SaaS)**

Project Description: Omnichannel AI messaging and customer support desk integrating Facebook Messenger, Instagram, WhatsApp, and Telegram with automated triage.

Technology: Cloudflare Workers, Supabase PostgreSQL, oRPC, Hono, Next.js

Project Link: <https://zotlyx.com>

- **Title: Torongo: MikroTik Cloud Hotspot Billing Platform (SaaS)**

Project Description: Multi-tenant cloud hotspot and ISP billing engine with automated bandwidth queue management, voucher generation, and remote router synchronization.

Technology: Cloudflare Workers, Supabase Hyperdrive, MikroTik API, Next.js

Project Link: <https://torongo.net>

- **Title: Hisabnikash: Inventory Management System (SaaS)**

Project Description: Multi-store retail inventory synchronization, double-entry accounting ledgers, POS checkout, and SMS billing alerts.

Technology: Nest JS, React, Express JS, MongoDB

Project Link: <https://hisabnikash.biz>

- **Title: NetFee: ISP Billing & Router Automation System (SaaS)**

Project Description: ISP billing and subscriber lifecycle platform connected directly to physical MikroTik routers via RouterOS API sockets for real-time customer management.

Technology: Nest JS, React, MikroTik RouterOS API

Project Link: <https://netfeebd.com>

- **Title: Shunno Pay: Webhook Automated Payment Gateway (SaaS)**

Project Description: Webhook-based payment gateway facilitating automated mobile financial service transactions with cryptographic signature verification.

Technology: Express JS, PostgreSQL, Prisma

- **Title: Shunno Storage: Enterprise Cloud Storage Platform (SaaS)**

Project Description: S3-compatible cloud storage platform with streaming multipart upload pipelines and an administrative management portal.

Technology: Express JS, MongoDB, Node.js

- **Title: WorldSoftZone: Software Development Company Website**

Project Description: Official company presentation website and client portfolio built with Laravel and responsive modern UI.

Technology: Laravel, PHP, Tailwind CSS, JavaScript

Project Link: <https://worldsoftzone.com>

- **Title: Aristo Computer: Accessories Shop Inventory & E-Commerce**

Project Description: E-commerce storefront and computer accessories inventory system with retail order management.

Technology: WordPress, WooCommerce, PHP, JavaScript

Project Link: <https://aristocomputer.com>

- **Title: Chiri: Freelancer & Task Management System**

Project Description: Full-stack team productivity and freelancer project tracking system with interactive task boards and complete Swagger API documentation.

Technology: React, Node.js, Express, MongoDB, Swagger

Project Link: <https://chiri.devsujon.com>

About me

Blood group: O+

Date of birth: 06th June 2000

Father's name: Md Babu

Religion: Islam

NID No: 5563983096

Permanent address: Amjhupi, Meherpur Sadar, Meherpur 7101

Marital Status: Married

Gender: Male

Mother's name: Mst Ambia Khatun

Nationality: Bangladeshi

Present address: Rajshahi, Rajshahi 6100