Md. Mahfujur Rahman

Software Engineer · Angular & TypeScript · NestJS



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Professional Summary

Software Engineer with **5+ years** building enterprise **ERP, CRM, healthcare SaaS, and e-commerce platforms** with **Angular (v12–v21), TypeScript, and RxJS**; currently on multi-portal healthcare SaaS for a **Singapore-based company**, fully remote. **Solo developer of Finox Personal and Finox Business** — two live SaaS products built end to end on **Angular, NestJS, Prisma, and PostgreSQL**. Delivered **27% faster performance**, **31% less duplicated code**, and an **Angular 12 → 21 migration**.

Professional Experience

Vertis
Aug 2025 – Present
Software Engineer (Frontend Angular Engineer)
Singapore (Remote)
Tech Stack: Angular, TypeScript, RxJS, PrimeNG

- Developed and maintained multiple portals for a **Singapore-based healthcare SaaS platform** — including **Buyer, Supplier, Admin, and Caregiver Training portals** — serving seniors, caregivers, and medical device vendors.
- Built **product catalog, order management, and checkout modules** for the Buyer Portal, handling ERS and medical device/consumables workflows.
- Developed **business and analytics dashboards** across Admin and Supplier portals.
- Converted complex **Figma designs into pixel-perfect Angular components** using PrimeNG across multiple portal interfaces.
- Migrated the Angular codebase from **v12 to v21**.
- Resolved critical **production bugs** across checkout and portal modules, improving application stability and user experience.

Pridesys IT Ltd
Sep 2024 – Jul 2025
Software Engineer (Frontend Angular Engineer)
Dhaka, Bangladesh
Tech Stack: Angular, TypeScript, RxJS, AG-Grid, Angular Material, Highcharts

- Built and maintained core modules of a **garment-industry ERP** — **Inventory, Purchase, Sales, HR, Accounting, and Reports** — supporting end-to-end business operations.
- Developed complex reporting dashboards using AG-Grid and Highcharts for **large business datasets, including garment production and financial analytics**.
- Created **reusable UI components, directives, and shared modules** improving team productivity and reducing development time across ERP modules.
- Mentored junior engineers on **RxJS reactive patterns** and **TypeScript best practices**, improving team code quality.

SoftifyBD Ltd
Jan 2022 – Jul 2024
Software Engineer (Frontend Angular Engineer)
Dhaka, Bangladesh
Tech Stack: Angular, TypeScript, SCSS, Bootstrap, Nebular, RxJS

- Developed the frontend for 4 interconnected business platforms, including a **multi-client ERP product used to manage core business operations**.
- Developed an **in-house CRM** to manage SoftifyBD's own project pipeline and client relationships, tracking multiple ERP client accounts and communication workflows.
- Built a **client portal** enabling subscription management, account information access, and support ticket raising — improving client autonomy and reducing support overhead.

- Developed a **B2C e-commerce platform** with vendor management, product/order dashboards, and real-time order tracking and notifications.
- Reduced **code redundancy by 31%** by architecting reusable form, dashboard, and table component libraries shared across platforms.
- Improved **application performance by 27%** through lazy loading, bundle optimization, and change detection tuning.
- Implemented **role-based access control** supporting multi-level permission system.

Key Projects

Finox Personal — Personal Finance SaaS
Solo Developer (Full-stack)
Tech Stack: Angular 21 (Signals), PrimeNG, Tailwind CSS, Highcharts, NestJS, Prisma, PostgreSQL, Docker, GitHub Actions

- Designed and launched a **live personal-finance SaaS** as sole developer — multi-wallet tracking, budgets, savings goals, debts/EMIs, investments, and net worth.
- Architected a shared **NestJS API** over a **Prisma/PostgreSQL schema**, serving separately deployed user, admin, and marketing apps.
- Built **secure session auth** with rotating, hashed refresh tokens in HTTP-only cookies, race-safe across tabs, plus rate limiting and cross-subdomain sign-on.
- Shipped **Highcharts report views** with export and share links, English/Bangla i18n, a PWA, **Paddle subscription billing**, and CI/CD with nightly backups.

Finox Business — Social-Commerce Operations SaaS
Solo Developer (Full-stack)
Tech Stack: Angular 21, PrimeNG, Tailwind CSS, Highcharts, pdfmake, NestJS, Prisma, PostgreSQL, Paddle

- Built and launched, as sole developer, an **order-to-cash platform for online sellers** — orders, deliveries, invoices, stock, expenses, COD payouts, profit reports, and each seller's own online shop (Finox Store).
- Extended the shared **NestJS/Prisma API** with the Business domain, reusing auth and billing via a per-product subscription model.
- Engineered an **append-only stock ledger** with atomic increments and drift detection, and **COD payout reconciliation** that flags courier shortfalls.
- Delivered **idempotent CSV import** (SHA-256 row fingerprints), PDF invoicing, and a **token-secured public parcel-tracking page**.

Technical Skills

Frontend Engineering

- Angular (v12 – v21), Signals, TypeScript, JavaScript (ES6+), RxJS
- PrimeNG, Angular Material, Tailwind CSS, SCSS, Bootstrap, Nebular
- AG-Grid, Highcharts, PWA, i18n, Next.js (Working Knowledge)
- REST API Integration, Figma to Production UI

Backend Development

- Node.js, NestJS, Express.js
- PostgreSQL, Prisma ORM, MongoDB
- JWT Auth, Refresh-Token Rotation, RBAC, Paddle Payments

DevOps & Workflow

- Docker, GitHub Actions CI/CD, Vercel, Fly.io
- Git, Bitbucket, Jira, Agile / Scrum

Education

Bachelor of Science in CSE
R. P. Shaha University
Jan 2018 – Dec 2021 | Narayanganj, Bangladesh
CGPA: 3.24

Certificates

Angular (Intermediate) Certificate
Issued by: HackerRank

JavaScript (Intermediate) Certificate
Issued by: HackerRank

Languages

English (Fluent), Bangla (Native), Hindi (Conversational), Urdu (Conversational)