

Shahriar Sohan

Full Stack Developer

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 [LinkedIn](#)

 [Github](#)

 [Portfolio](#)

Profile

Full Stack Developer skilled in **Next.js, React, MongoDB, PostgreSQL, Prisma, and Mongoose**, with hands-on project experience. Backend-focused learner with a solid understanding of data modeling, APIs, and scalable system design.

Skills

- Languages & Frameworks:** JavaScript (ES6+), TypeScript, SQL; React.js, Next.js, Redux Toolkit; Node.js, Express.js.
- Backend & Database Engineering:** PostgreSQL, MongoDB; Prisma ORM, Mongoose; Relational Data Modeling, Indexing, Query Optimization.
- Architecture & APIs:** RESTful API Design, JWT Authentication, Middleware Development, System Design Patterns.
- Tools & DevOps:** Git/GitHub, Postman, Vercel, Render, Railway.
- Engineering Practices:** Test-Driven Development concepts, Clean Code, Agile, Debugging & Performance Monitoring.

Projects

Hidden Dependency Risk Tracker (HDRT) -(PERN)

[Live](#) | [Client Repo](#) | [Server Repo](#)

A **risk analysis platform** to uncover **organizational dependency risks** across employees, teams, and critical systems.

- Engineered a **risk intelligence engine** to detect high-risk dependencies and improve operational decisions.
- Applied **scalable backend architecture** with modular separation, centralized validation, and error handling.
- Designed **optimized data models and queries** to efficiently handle complex dependencies and ensure system reliability.

Tech: Next.js (App Router), TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Prisma ORM, Zod, JWT

ePay Wallet – Digital Wallet Platform (MERN Stack)

[Live](#) | [Client Repo](#) | [Server Repo](#)

A secure digital wallet platform for managing user funds and ensuring reliable, consistent financial transactions.

- Developed a **secure wallet backend** to ensure **reliable fund tracking and atomic transfers**, preventing inconsistencies in user balances.
- Implemented **transactional logic with rollback and consistency checks** to solve concurrency issues and avoid data corruption.
- Designed **efficient data models and APIs** to handle high-volume operations, ensuring **scalability, speed, and maintainability**.

Tech: Typescript, React, Tailwind CSS, Node.js, Express.js, MongoDB, Mongoose, Redis, Multer, Nodemailer, JWT, Axios, RTK Query, Zod.

Achievements

Full Stack Web Development — Certified [🔗](#)

Education & Languages

HSC completed | Bangla(Native), English (Professional), Hindi(Fluent)