

# Shahariar Sohan

## Full Stack Developer

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### Profile

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Emerging software engineer skilled in the **MERN stack, Next.js, TypeScript, Prisma, and PostgreSQL**. Focused on building scalable applications, secure authentication flows, and optimized database systems through clean architecture and modern engineering practices.

### Skills

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#### Languages & Frameworks

JavaScript | TypeScript | SQL | React.js | Redux | Next.js | Node.js | Express.js | Tailwind CSS

#### Databases & ORM

MongoDB | Mongoose | PostgreSQL | Prisma ORM | Data Modeling | Query Optimization

#### Backend, APIs & Tools

REST APIs | JWT | SSR | CRUD | SSL | Stripe | Git | GitHub | VS Code | Postman | Debugging | Clean Code | Agile | Deployment | Scalable Apps

### Projects

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#### Hidden Dependency Risk Tracker (HDRT) -(PERN)

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

- Built an **enterprise risk analysis platform** to uncover **organizational dependency risks** across employees, teams, and critical systems.
- Implemented **JWT-based authentication** with **role-based access control (RBAC)** and **permission-driven dashboards**.
- Designed a **risk intelligence engine** calculating **employee, team, and system risk** using **task priority, system criticality, dependency concentration, and ownership imbalance**.
- Developed **role-aware dashboards** with **organization-wide insights, visual analytics, and drill-down risk views**.
- Applied a **layered backend architecture (Controller → Service → Repository)** with **strict validation, centralized error handling, and scalable domain separation**.

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

**Demo Credentials:** admin@gmail.com — pass: admin1 ,manager1@gmail.com — pass: manager1, employee1@gmail.com - pass:employee1

#### ePay Wallet – Digital Wallet Platform (MERN Stack)

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

- Built a secure digital wallet system for **adding funds, sending money & tracking transactions**.
- Implemented **JWT auth with HttpOnly cookies**, role-based access (**User/Agent/Admin**) & session security.
- Designed wallet logic with **atomic balance update, transaction logs & rollback safety**.
- Admin dashboard to manage users, verify identity requests & monitor suspicious transfers.
- Followed **MVC architecture**, field validation & centralized error handling for scalable backend.

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

#### Test Login Credentials:

admin@gmail.com — pass: admiN12! agent@gmail.com —pass: agenT12! sohan@gmail.com —pass : sohaN12!

### Education and Languages

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HSC completed | **Programming hero Level 1 and Level 2 completed** | English (Professional), Bangla (Native),Hindi(Fluent)