Md. Nazmul Haque Redoan

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Full-stack developer with over 1 year of experience, strong grasp of Rust, React, and Postman for API testing, with a proven track record of building end-to-end applications.

Skills

Rust, TypeScript, JavaScript, Python, Java, Go, PHP, C, C++, Bash, Assembly, Next.js, React, Vue.js, Express.js, Tauri, Tailwind CSS, Docker, Git, Linux, Figma, Framer Motion, Laravel, Nginx, GitHub Actions, Drizzle ORM, Mongoose ODM, Agile Methodologies, Scrum, Test-Driven Development (TDD), Software Development Life Cycle (SDLC), Continuous Integration/Continuous Deployment (CI/CD), Object-Oriented Programming (OOP), Cypress, Jest, JMeter, Postman, PostgreSQL, MongoDB, MySQL, SQLite, API Development, Backend Development, Frontend Development, Database Management, RESTful APIs

Experience

OneVisaHub
Full-Stack Developer
- Developed backend logic using Next.js server actions, reducing API response time by 30%.
- Optimized database schema and queries, achieving 40% faster data retrieval.
- Performed API testing with Postman, fixing 15+ endpoint issues to improve backend reliability.

PurrPass
Full-Stack Developer(Ongoing)
- Built an online pet shop with Next.js featuring customer store and admin panel, enabling 100+ daily orders.
- Developed admin interfaces for managing products and orders, improving operational speed by 50%.
- Documented APIs and utilities, reducing new developer onboarding time from 3 days to 1 day.

Projects

Rate Limiter
- Developed a production-grade rate limiter in Rust using the Token Bucket algorithm, handling 1000+ requests per second with consistent performance.
- Built an Axum HTTP server with DashMap for concurrency-safe shared state, achieving near-zero latency bottlenecks under load testing.
- Performed load testing with k6, verifying 100% correct rate limiting enforcement under simulated high-concurrency traffic.

Tales of SSL
- Solved Hackattic's TLS challenge by retrieving and submitting problems asynchronously with reqwest, automating secure workflows.
- Generated and parsed X.509 certificates using openssl, demonstrating practical SSL/TLS certificate handling skills.
- Built an async request pipeline with tokio and serde to process cryptographic JSON payloads efficiently, reducing task completion time by 30%.

Education

United International University
Bachelor in Computer Science
CGPA: 3.67/4.00
- Awarded 100% merit-based scholarship for academic excellence and consistent performance.