



Md Nasimul Hasan

Junior Software Engineer

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Summary

Self-taught programmer with 12 years of experience in frontend, backend, and mobile app development. Proficient in JavaScript, React, Node.js, and Python. Currently a Junior Software Engineer, expanding into Rust, Data Science, and Machine Learning .

Experience

Learn with Sumit

April 2021 – Present

Junior Software Engineer & Product Lead

Remote

🔗 [Learn with Sumit Website](#)

At Learn with Sumit, I lead the development of scalable, business-critical applications that streamline operations and improve the learning experience for over 10,000+ students. My primary contribution is the development of a custom Learning Management System (LMS) utilizing Next.js and Node.js, which powers a business worth more than 1+ crore BDT. I established secure Single Sign-On, integrated payment channels, and created critical features such as DRM-protected video delivery, watch-time tracking, quizzes, CV generation, and a WhatsApp-style single-instance runtime for efficient communication. Using MongoDB for data storage, I prioritized performance, scalability, and security to ensure a smooth and resilient platform for both students and administrators. My role combines technical execution and strategic thinking, which has a direct impact on growth and product quality.

Analyzen

August 2022 – December 2024

Junior Software Engineer

Dhaka, Bangladesh

🔗 [Analyzen Website](#)

At Analyzen, I delivered high-quality web and mobile applications that elevated client digital experiences. I developed scalable frontend and backend solutions using React, Next.js, Node.js, and Express, and designed modern, user-focused UI/UX for websites and mobile apps. Additionally, I streamlined DevOps processes to accelerate deployments and improve system reliability, significantly boosting overall project efficiency by bridging design, development, and deployment.

Projects

Learn with Sumit

Complex and Scaleable LMS System

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Designed and developed a scalable LMS platform for Learn with Sumit, now serving 10,000+ students and generating over 1 crore BDT. Focused on security, scalability, and seamless UX by implementing modern web technologies and critical business features.

Key Contributions:

- Built a full-stack Next.js and Node.js architecture handling thousands of active users.
- Integrated Single Sign-On (SSO) and Stripe payment gateway for secure, smooth transactions.
- Implemented DRM-protected video streaming, watch-time tracking, and quiz modules.
- Developed a dynamic multi-course system, CV generator, and real-time notification model.
- Secured data with JWT authentication, RBAC, and encrypted MongoDB storage.

Impact:

Scaled platform to support daily high-traffic usage, increased revenue growth, and enhanced user engagement with robust features and reliable system performance.

Node.js, MongoDB, Cloudinary, Stripe, DRM, AWS S3, Next.js

Skills

Javascript

● ● ● ● ● ●

MongoDB

● ● ● ● ● □

Node.js

● ● ● ● ● ●

Postgresql

● ● ● ● □ □

Python

● ● ● ● ● □

Next.js

● ● ● ● ● □

React

● ● ● ● ● ●