Md Nowshad Islam

Full-Stack Engineer

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PROFILE

Full Stack engineer and DevOps expert specializing in React, Node.js, Javascript, Docker and kubernetes. Proven track record of crafting high-performance scalable web applications with user-friendly interface and engineered business logics. Adaptable and detail-oriented, committed to delivering top-notch solutions. I love learning new tech and working with teams.

SKILLS

JavaScript OOP React/React Router Redux/ReduxToolkit Node.js Express PostgreSQL MongoDB

Material UI GSAP Nginx Docker Kubernetes Redis Linux

PERSONAL EXPERIENCE

➤ **Backend Developer | Brokerage,** dhaka (2023-2024)

Developed existing backend APIs and integrated them with database, automated scaling and implemented server side caching for faster responses - Typescript, Linux, Apache, MySQL, Redis

➤ **Full-Stack Engineer | ShareChat, Bangalore** (4 months)

Built UI elements , added error tracking across the site, improved the notification system by creating standalone notification service and dockerized some services - Sentry, RabbitMQ, Javascript, Docker, Svelte, Node.js

➤ **SWE Internship | Maxwell Stamp Ltd.,** dhaka (2022-2023)

Built and optimized ui components and pages and added one way sms system - Jquery, Twilio, Redux

EDUCATION

B.Sc in Mechatronics Eng. (2023 – 2026) Rajshahi University Of Engineering and Technology

MY Projects

IDE-X => React, Monaco Editor, Node.js, Nodemailer, Passport.js

- A full-stack web application inspired by platforms like CodePen. It allows users to create, save and share code snippets in real-time. The app provides a seamless coding experience with features like live previews, dark mode, secure authentication, and GitHub OAuth login.

Angkon => React, Zustand, React-Konva, Material UI, Tailwindcss

- A dynamic and extensible drawing app built with React-Konva. This canvas supports free drawing, shape creation, selection, transformation, color/stroke editing, erasing, and undo/redo — all with a clean grid background and intuitive toolbar.

WhisperChat=> Express, Socket.io, Redux, React, Redis, Postgres, Bull , RabbitMQ

- A scalable chatting app with moderate UI where users can create accounts , add other users and chat with them via text or multimedia like photos/videos. Jobs are queued by redis and message sending mechanism decoupled by amqplib. Throttling and Rate-limiting per IP are implemented and support pub/sub patterns.