



MEHEDI HASAN

Software Engineer

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ABOUT MY CAREER

Software Engineer with 3+ years of experience building scalable SaaS applications using Node.js, Express.js, Next.js, React, and Nest JS.

Proven track record in full-cycle development of enterprise systems including school management platforms, CRM solutions, and multi-vendor web applications. Skilled in backend architecture, API design, database modeling, and frontend performance optimization.

Strong collaborator with product teams and experienced in Docker-based deployments.

WORK EXPERIENCE

Software Engineer (Team Lead)

11/2024 - Present V2 Technologies Limited

- Leading backend development for an ECRM web application using Express JS, Nest JS, and Go standard library
- Developing frontend features for a photo gallery sharing platform using React and Next.js
- Implemented SSR, SSG, ISR, and Server Actions in Next.js for improved SEO and performance
- Applied advanced MySQL concepts including views, transactions, stored procedures, time based partitioning and triggers to ensure data integrity
- Troubleshoot production issues and collaborate with product managers to refine requirements and deliverables

Software Engineer

08/2022 – 11/2024 Elitbuzz Technologies Limited

- Developed and maintained a SAAS-based multi-vendor school management system using Next.js (frontend), Prisma, and MySQL (backend)
- Upgraded an e-commerce platform from Next.js v13 to v14, improving build time and runtime performance by 3–4x
- Optimized API response times through query optimization and caching strategies, significantly enhancing user experience
- Designed and implemented database schemas for school management, SMS, and e-commerce systems
- Built a dynamic website generator allowing individual schools to have custom domains and branding
- Containerized applications using Docker and deployed images to cloud environments for testing and production.
- Contributed to a desktop POS application using Electron.

INTERESTED

- Latest technology trends
- Traveling
- PC gaming

TECHNICAL SKILLS

PROGRAMMING LANGUAGE:

JAVASCRIPT, TYPESCRIPT, GO LANG

BACK-END:

NODE JS, EXPRESS JS, NEST JS, NEXT JS, FIBER

FRONT-END:

REACT JS, NEXT JS, REDUX, RTK QUERY, CSS3, TAILWIND CSS, MUI, SHADCN

DATABASE:

POSTGRE SQL, MY SQL, PRISMA ORM, DRIZZLE ORM

DEVOPS & TOOLS:

DOCKER, PODMAN, NGINX, GIT, BITBUCKET, CLICKUP

LANGUAGES:

ENGLISH (FULL PROFESSIONAL), BANGLA (NATIVE), HINDI (FLUENT)

RECENT WORKING PROJECTS:

- ECRM for GrameenPhone
<https://cockpit-stg.ppl.how/>
Features I Implemented:
 - Developed backend APIs and database architecture for web and Android applications
 - Designed and implemented onboarding, campaign training, and GPC visit modules with secure data flow
 - Built a device-binding system to securely link user accounts with Android devices
- Professional Photo Galleries Sharing Platform
<https://stage.neodesk.io/>
Features I Implemented:
 - Developed frontend using React and Next.js with support for English and German languages
 - Implemented real-time upload progress indicators for file transfers, enhancing user feedback
- SAAS Multi-Vendor School Management System
<https://admin.edu360.com.bd/>
Features:
 - Contributed to 60% of full-stack development, including multi-tenant architecture and role-based access control
 - Enabled individual user permissions alongside organization-level roles for granular security
 - Integrated Python-based text-to-speech engine via Node.js API for automated announcements
 - System currently used by 30+ educational institutions across Bangladesh

ACADEMIC BACKGROUND



B.Sc. in Computer Science and Engineering
Green University of Bangladesh
2018 – 2022



Diploma in Marine Engineering
Shyamoli Ideal Polytechnic Institute
2013 – 2018