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Md Ashik

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Senior Full Stack Engineer with 6 years of experience, skilled in building scalable, user-friendly web applications. Proficient in both front-end and back-end development with a focus on clean, efficient code and end-to-end delivery.

Work Experience

Senior Software Engineer

Feb 2026 - Present

[Dentallab](#), Dhaka

- Lead a 5-engineer team building DLAB-ERP, the lab's core operations platform (Laravel 13 / PostgreSQL / Redis on AWS ECS Fargate) - architecture, auth and standards, plus hands-on delivery of its core modules: ~140 REST endpoints, 40+ tables, 170+ merged PRs.
- Designed and built the order-to-delivery case module (configurable catalog, server-authoritative pricing with immutable financial snapshots, audit trail) and the Sanctum auth + RBAC layer; made quality self-enforcing with a CI merge gate and Terraform deploys.
- Built the internal Q&A and reporting system (NestJS · MongoDB · Next.js SSR). shipped dentallab.com (Next.js SSG) with a 3D model viewer and Drive/Sheets case submission.

Senior Software Engineer

Feb 2024 - Feb-2026

[Innospace Infotech Ltd](#), Dhaka

- Built **Brritto**, an educational platform serving **200K+ users** with a bank of **500K+ MCQ questions**, enabling content management, assessments, live exams, and rankings using NestJS, Next.js, React, and MongoDB.
- Designed optimized MongoDB schemas and implemented Redis caching to improve API performance and reduce latency.
- Configured AWS infrastructure (VPC, load balancers, NAT gateways) and containerized services with Docker.
- Developed scalable RESTful APIs with NestJS/TypeScript, enforced JWT-based auth with RBAC, and maintained API docs using Swagger.
- Set up CI/CD pipelines for automated testing and deployment, integrated monitoring and logging for production reliability.
- Mentored junior developers and led code reviews, system design discussions and architectural decisions in an agile team.

Software Engineer

Jan 2022 - Feb 2024

[Square Health](#), Dhaka

- **Jotno (Healthcare Solution)**:- Developed and integrated APIs, implemented pixel-perfect UI/UX, and gathered and analyzed business requirements. Utilized Angular, Node.js, NgRx, SCSS, and Bootstrap. Created a dynamic feature reducing developer dependency on business teams by 30%, contributing to over 100k monthly prescriptions.
- **Medicine Database Expansion**:- Database Expansion: Led a project to enhance the medicine database, adding generic and alternative medicine options, improving doctor workflows, and eliminating reliance on external sources, resulting in a streamlined user experience.
- **Telemedicine**:- Enabled remote appointments and video consultations, streamlined prescription delivery to mobile devices, and developed a 24/7 monitoring dashboard to ensure seamless telemedicine management.

Junior Software Engineer

Nov 2020 - Dec 2021

[Shohoz](#), Dhaka

- **Shohoz Ticket:-** Transformed the bus ticketing system through API integrations, meticulous UI/UX design, and comprehensive business requirement analysis. Employed Angular, Angular Material, NgRx, SCSS, and TailwindCSS to evolve the system into a multifunctional platform, encompassing Lunch, Movie, and Train bookings.
- **Shohoz Food:-** Enhanced the food-delivery system by introducing a progressive web app with a fresh UI/UX, catering seamlessly to mobile and web platforms, and added new features like pre-order functionality. Leveraged Angular, Angular Material, NgRx, SCSS, and TailwindCSS. This led to an impressive 150% sales boost across three new areas.

Technologies and Languages

- **Languages:** JavaScript, TypeScript, C, HTML, CSS
- **Frameworks & Libraries:** NestJS, Node.js, Express, React, Next.js, Angular, Redux, Tailwind, Shadcn
- **Databases & DevOps:** MongoDB, PostgreSQL, Redis, AWS, Docker, CI/CD
- **Testing & Tools:** Cypress, Jira, Postman, PM2, Swagger, CloudWatch
- **Methodologies:** Agile, Scrum

Education and Certifications

- **BBA Finance & Banking,** National University, Bangladesh. **2014 - 2018**

Other Sections

- **Open Source Contribution:** Actively contributing to [PrimeNG](#)'s front-end library and SASS themes.
- **Mentorship and Leadership:** Guided and mentored intern developers for 3 months, helping them learn and successfully complete their internship projects.
- **Community Support:** Contributed to [Stack Overflow](#) with 80+ answers and achieved a reputation of 9k+, providing valuable support to the developer community

Reference

Sahib Bin Mahboob, CTO, Exabyting.

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