

# Md Imran Hossen

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## SUMMARY

Md Imran Hossen is a dedicated Software Engineer with a strong background in frontend development, UI/UX implementation, state management, backend integration, authentication & security, performance optimization, testing & debugging, CI/CD & deployment, version control & collaboration, agile development, open-source contribution, and AI & automation. He holds a Diploma in Computer Technology from Patuakhali Polytechnic Institute and has professional experience working at Pipeline Co., Ltd in Tokyo, Japan. He is proficient in multiple programming languages and frameworks, and is committed to continuous learning and personal growth.

## EXPERIENCE

### Software Engineer | Pipeline Co., Ltd

03/2023 to Present

• Build and maintain responsive, high-performance web applications using React.js, Next.js, TypeScript, and Redux. • Design and implement modern, visually appealing, and user-friendly interfaces using MUI, Tailwind CSS, and Bootstrap. • Manage global and local states efficiently with Redux Toolkit, Context API, and React Query. • Work with RESTful APIs and GraphQL, integrating frontend applications with backend services built using Node.js, Express, MongoDB, and Prisma. • Implement secure authentication flows using JWT, OAuth, and industry best practices. • Optimize components and improve web performance by implementing lazy loading, memoization, and efficient re-renders. • Write unit and integration tests using Jest, React Testing Library, and follow best practices for debugging and troubleshooting. • Work with Docker, GitHub Actions, and cloud platforms to automate deployment processes. • Utilize Git, GitHub, and GitLab, following branch protection rules, PR reviews, and code quality guidelines. • Work in an Agile/Scrum environment, collaborating with cross-functional teams, attending stand-ups, and delivering features within sprints. • Maintain clear documentation, contribute to open-source projects, and ensure best practices are followed in repositories. • Explore and implement AI-powered features using Hugging Face models and integrate automation tools for workflow improvements.

## EDUCATION

### Diploma in Computer Technology | Patuakhali Polytechnic Institute

2018 to 2023

The course covers various aspects of computer technology, including programming, data structures, web development, database management, and software engineering principles. It prepares students for careers in the IT industry by providing both theoretical knowledge and practical skills.

## SKILLS

JavaScript

React.js

Next.js

TypeScript

Redux

MUI