

# Maksudur Rahman Prio

Full-Stack Developer — MERN Stack Specialist

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💎 Bogra, Bangladesh | Open to Remote Opportunities Worldwide

## PROFESSIONAL SUMMARY

Full-Stack Developer specializing in React, Node.js, Express, MongoDB, and Socket.io with proven ability to build production-ready applications from concept to deployment. Expert in real-time systems, Redux state management, and scalable architecture. Demonstrated success in delivering WebSocket communication, rich text editing, and optimized media pipelines. Self-driven learner passionate about clean, maintainable code.

## TECHNICAL SKILLS

**Frontend:** React.js, Redux Toolkit, Context API, JavaScript (ES6+), Tailwind CSS, Bootstrap, HTML5/CSS3, Responsive Design

**Backend:** Node.js, Express.js, RESTful API Development, Socket.io, JWT Authentication, API Integration

**Database:** MongoDB, Mongoose ODM, Database Schema Design, Data Modeling

**Tools & DevOps:** Git/GitHub, VS Code, Postman, npm/yarn, Vercel, Netlify, Render, Firebase, Cloudinary

## FEATURED PROJECTS

**Chatterly - Real-Time Messaging Platform** | *React, Redux, Node.js, Socket.io, MongoDB* [Live Demo](#) | [GitHub](#)

- *Demo Accounts:* User1 - [eren@gmail.com / 123456](#) — User2 - [mikasa@gmail.com / 123456](#)
- Built production-ready chat application with **Socket.io** for real-time bidirectional communication, achieving **sub-second message delivery** across concurrent users
- Architected **WebSocket handshake protocols** and event handling system with proper error recovery and connection management for scalable real-time architecture
- Integrated **Cloudinary media pipeline** with compression for optimized image/video uploads, **reducing file sizes by 60%**
- Implemented typing indicators, online presence detection, read receipts, emoji support, and push notifications for enhanced UX
- Designed modular server-side architecture with Express.js following MVC pattern and separation of concerns

**BlogWave - Full-Stack Blogging Platform** | *React, Redux, Node.js, Express, MongoDB* [Live Demo](#) | [GitHub](#)

- *Demo Account:* [emily@gmail.com / 123456](#) (*Browse posts, create content, follow users*)
- Developed end-to-end content management system with **rich text editor** supporting custom formatting for enhanced content creation
- Implemented **Redux Toolkit** for centralized state management, eliminating prop-drilling and improving code maintainability
- Built RESTful API with Express and MongoDB handling CRUD operations for blogs, users, and social features with proper validation
- Created follow system, personalized content feeds, and user profile management with responsive design and mobile-first approach
- Designed professional UI with Tailwind CSS optimized for readability and cross-browser compatibility

## EDUCATION

**Bachelor of Social Science in Economics**

*Bangladesh National University*

- CGPA: 3.00/4.00

Bogra, Bangladesh

*Graduated 2023*

## ADDITIONAL INFORMATION

**Languages:** Bengali (Native), English (Professional Working Proficiency)

**Availability:** Immediately available for full-time positions and freelance opportunities