Ahmed Zubayer Rahman

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PROFESSIONAL SUMMARY

Results-driven Front-End Engineer with expertise in the MERN stack and React Native, specializing in building high-performance, scalable web and mobile applications. Proven track record of optimizing application performance (achieving 92+ Lighthouse scores), architecting reusable component libraries, and delivering pixel-perfect UI implementations. Strong foundation in algorithms, data structures, and system design with a passion for writing clean, maintainable code. Eager to leverage technical skills and problem-solving abilities to contribute to innovative engineering teams.

EDUCATION

Canadian University of Bangladesh   Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering – CGPA: 3.68/4.00   *2021 – 2024*
- Completed 150 credits with honors, focusing on algorithms, data structures, database systems, and software engineering

TECHNICAL SKILLS

Languages: JavaScript (ES6+), SQL, HTML5, CSS3
Frontend: React.js, React Native, Tailwind CSS, SCSS, Bootstrap, Redux, Socket.io-client, Responsive Design
Backend: Node.js, Express.js, RESTful APIs, GraphQL (Basic), WebSocket (Socket.io)
Databases: MongoDB, MySQL, AsyncStorage
Tools & Platforms: Git/GitHub, Docker, CI/CD (GitHub Actions), Postman, Expo, Figma, Agile/Scrum
Core Competencies: Algorithm Design, Data Structures, System Design, Performance Optimization, Cross-Browser Testing

PROFESSIONAL EXPERIENCE

Front-End Engineer   March 2025 – Present
Dotlines Bangladesh   *Dhaka, Bangladesh*
- Architected 15+ reusable React components with Tailwind CSS, reducing code duplication by 30% and accelerating feature development across 3 product teams
- Optimized API integration and async operations, improving page load time by 25% and achieving Lighthouse performance score of 92 (up from 65)
- Refactored legacy codebase to modern React architecture, reducing bundle size by 40% through code splitting and lazy loading techniques
- Delivered pixel-perfect implementations of 20+ Figma designs with 98% fidelity, ensuring cross-browser compatibility across Chrome, Safari, and Firefox
- Resolved 50+ critical bugs and compatibility issues, decreasing customer support tickets by 22% and improving mobile user engagement by 18%

TECHNICAL PROJECTS

Real-Time Chat Application | *React.js, Node.js, Express.js, MongoDB, Socket.io, Docker*   2024
- Engineered full-stack real-time messaging platform with WebSocket communication, supporting group chat, typing indicators, and online status for 100+ concurrent users
- Implemented efficient state management with React hooks to resolve race conditions in message rendering and ensure data consistency
- Built RESTful APIs with JWT authentication and designed MongoDB schema for optimized chat history retrieval with proper indexing
- Containerized application with Docker for consistent deployment across development, staging, and production environments

Fitness Tracker Mobile App | *React Native, Node.js, Express.js, MongoDB, AsyncStorage, Docker*   2024
- Developed cross-platform iOS/Android fitness tracking app using React Native with offline-first architecture via AsyncStorage
- Optimized FlatList rendering performance through proper memoization and keyExtractor implementation, handling 1000+ workout entries
- Created scalable backend API with Express.js and MongoDB, implementing pagination and caching for efficient data retrieval

- Built reusable component library following DRY principles, reducing development time for new features by 35%

Job Portal Dashboard | *React.js, Node.js, Express.js, MySQL, SCSS, CI/CD (GitHub Actions)*   2024
- Built job listing platform with advanced search filters, application tracking, and admin dashboard serving 500+ job postings
- Designed normalized MySQL database schema with indexed foreign keys, reducing query execution time by 60%
- Implemented CI/CD pipeline with GitHub Actions for automated testing and deployment, reducing deployment time from 2 hours to 15 minutes
- Applied lazy loading and code splitting strategies, decreasing initial load time by 40% and improving Time to Interactive metrics

Khudalagse Food Delivery App | *React Native, Expo, Clerk, Convex*   2024
- Developed full-stack food delivery mobile app with user authentication, recipe sharing, and creator monetization features
- Integrated real-time database synchronization with Convex and implemented secure authentication flow using Clerk

ACHIEVEMENTS & LEADERSHIP

Academic Excellence: Graduated with 3.68 CGPA and completed perfect 5.00 GPA in O-Level (Edexcel)
Fast Learner: Self-taught MERN stack development, mastering modern web technologies through hands-on projects
Collaboration: Led Agile sprints with cross-functional teams, delivering 3 major features ahead of schedule
Problem Solver: Reduced production bugs by 22% through systematic debugging and comprehensive testing strategies