

# Rajib Chandra Das

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## PROFESSIONAL SUMMARY

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Junior Software Engineer and passionate learner with strong programming skills in C++, JavaScript and expertise in Data Structures & Algorithms. Quick to learn new technologies with proven ability to communicate technical concepts clearly. Experience with SQL, NoSQL databases (MongoDB), and relational databases through hands-on projects. Eager to grow and contribute while continuously expanding technical knowledge and problem-solving skills.

## TECHNICAL SKILLS

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**Programming Languages:** C++, JavaScript, TypeScript

**Frontend Technologies:** React.js, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS

**Backend Technologies:** Node.js, Express.js, REST APIs, GraphQL, JWT Authentication

**Databases:** MongoDB, PostgreSQL, SQL, Prisma ORM

**Cloud & Deployment:** AWS Amplify, Vercel, Heroku, Netlify

**Development Tools:** Git, Docker

## EXPERIENCE

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### Intern Software Developer

Aug 2023 — Oct 2023

Turtle Venture

Dhaka, BD

- Developed dynamic, responsive UIs with React.js and Redux Toolkit, improving user engagement by 25% through enhanced user experience design
- Built and integrated REST APIs using Node.js, achieving average response times under 200ms for seamless frontend-backend communication
- Implemented modern development practices including Git workflow, code optimization, and performance monitoring

## PROJECTS

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### CareerPlex - Job Board Application — [Live Demo](#) — [GitHub](#)

- Engineered high-performance full-stack job board achieving **99/100 Lighthouse performance score** and **100/100 SEO optimization** with 0.6s load time using Next.js server-side rendering
- Architected scalable backend API handling **53.85 requests/second** with optimized database queries and efficient data processing
- Implemented security with JWT authentication supporting **500+ concurrent users** while maintaining **95/100 accessibility score**
- **Technologies:** Next.js, React.js, TypeScript, MongoDB, Redux Toolkit, Tailwind CSS, Node.js, Express.js, JWT Authentication

### QuickPick - MERN E-commerce Platform — [Live Demo](#) — [GitHub](#)

- Developed high-performance MERN e-commerce platform achieving **98/100 Lighthouse performance score** and **92/100 SEO optimization** with 0.7s First Contentful Paint
- Optimized backend API performance handling **105.3 requests/second** with efficient data processing and response optimization
- Integrated secure PayPal payment gateway processing transactions with **99.5% success rate**
- Implemented dynamic product management system supporting **100+ products** with real-time inventory and shopping cart persistence
- Built responsive, mobile-first design with optimized MongoDB database queries reducing load times by **30%**
- **Technologies:** React.js, Node.js, Express.js, MongoDB, Redux Toolkit, React Bootstrap, PayPal API, REST APIs

## EDUCATION

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### Southeast University

Dhaka, BD

Bachelor of Science in Computer Science and Engineering

Oct. 2023

CGPA: 3.72/4.00