

# RAHUL DUTTA

Portfolio | LinkedIn | Github | Email: rdtech2002@gmail.com | Phone: +91 8967291282 | Kolkata, West Bengal

## SUMMARY

Full stack software developer with over one year of experience in building scalable and high-performance web applications. Proficient in JavaScript, TypeScript, React, Next.js, Node.js, and MongoDB, PostgreSQL, with a passion for leveraging modern technologies to drive business outcomes. Adept at collaborating with cross-functional teams to deliver solutions on time and within scope. Seeking to contribute expertise in full-stack development to a forward-thinking company.

## WORK EXPERIENCE

**MERN Stack Developer** April 2024 – Present

*Tech Mantra* Full Time, In Office

- Architected and developed scalable full-stack solutions for **distributor management and inventory**, automating complex operational workflows for large enterprise clients (e.g., **RUPA, LUX Industries**) supporting **20,000+ distributors and 100,000+ retailers**, driving a **25% efficiency improvement** through optimized data processing and intuitive UIs.
- Engineered robust, high-availability **gamified gifting platforms** capable of managing **hundreds of thousands of concurrent users** and extensive data for comprehensive report generation.
- Built and optimized **e-commerce marketplaces and integrated seller panels**, facilitating the efficient management of **thousands of products** and enabling new B2B sales channels through custom API development and database design.
- Developed and deployed responsive, **SEO-optimized public web presences** with intuitive user interfaces and secure backend integrations, enhancing digital accessibility and enabling seamless online transactions.
- Contributed to multiple **government projects**, developing solutions adhering to **stringent accessibility (e.g., WCAG) and regulatory compliance standards**, ensuring robust and secure public-sector applications.

## SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS

**Frameworks & Libraries:** React, Next.js, Redux, Redux Toolkit, React Query, Node.js, Express.js, Tailwind CSS, Bootstrap

**Database Management:** MongoDB, PostgreSQL, ORM Tools (Mongoose, Sequelize, Prisma, Drizzle)

**DevOps & Dev Tools:** Git, GitHub, NPM, Postman

**Other Skills:** RESTful APIs, JWT Authentication, OAuth

## PERSONAL PROJECTS

**Zoofi E-commerce & Seller** | React, Node.js, Express.js, MongoDB, Redux, RTK Query, Firebase

- Full-stack e-commerce platform with an admin panel and multi-tenant seller dashboard for seamless order and product management.
- Implemented dynamic routing and role-based authentication to enhance security and streamline functionality.
- Optimized performance and ensured a responsive design across devices for a consistent user experience.

**Digha Jagannath Dham** | Next.js, Node.js, Express.js, MongoDB, Firebase

- Developed a responsive and SEO-optimized website for the renowned temple in Digha.
- Integrated online donation features, visitor information, and event management to boost digital engagement and accessibility.
- Implemented a robust admin panel for custom CMS, blog, and page management.

**FeedSync** | React, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, React Query, Framer Motion, Passport.js

- Developed a full-stack feedback collection application for campaigns and product reviews.
- Enabled anonymous feedback gathering and comprehensive data analysis.
- Built a responsive, user-friendly interface using Tailwind CSS and Scadcn UI, significantly enhancing overall UX.

**Distributor Management System** | React, Node.js, Express.js, MongoDB, Tailwind CSS, Redux, RTK Query

- Developed a comprehensive distributor management system for enterprise operations.
- Integrated real-time data tracking and automated inventory management.
- Designed and implemented a dynamic dashboard with in-depth analytics and reporting features to streamline operational workflows.
- Leveraged RESTful APIs and robust backend services to ensure data consistency, scalability, and efficiency.

**ExpenseEase** | React, Node.js, Express.js, MongoDB, Tailwind CSS, Redux, RTK Query, Gemini AI

- Developed a full-stack expense tracker integrated with AI insights, utilizing Gemini AI for personalized financial recommendations.
- Implemented interactive charts to analyze expenses by party, category, and payment mode, with export functionality.
- Built a responsive, user-friendly interface with Tailwind CSS and enhanced UX/UI design for better engagement.

## EDUCATION

**Maulana Abul Kalam Azad University of Technology** West Bengal, India

Bachelor of Computer Application, GPA: 9.35 November 2020 – July 2023

**West Bengal Council of Higher Secondary Education** West Bengal, India

Higher Secondary, Science, Grade: A 2020

**West Bengal Board of Secondary Education** West Bengal, India

Secondary, General Sciences, Grade: A+ 2018

## CERTIFICATIONS & ACHIEVEMENTS

Full Stack Web Development (MERN Stack) | Certification by PW Skills August 2023 – January 2024