

RAHUL DUTTA

[Portfolio](#) | [LinkedIn](#) | [Github](#) | Email: rdtech2002@gmail.com | Kolkata, West Bengal

SUMMARY

Full stack software developer with 1.8 years of experience in building scalable and high-performance web applications. Proficient in JavaScript, TypeScript, React, Next.js, Node.js, MongoDB and 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

Assistant Software Engineer

September 2025 – Present

Planys Technologies

Chennai, Tamil Nadu, India (Full Time, In Office)

- Worked as part of a **cross-functional engineering team** to develop **multi-client cockpit systems** for AUVs and ROVs, enabling **real-time video streaming, telemetry monitoring, incident capture, and live data visualization** through interactive charts.
- Contributed to an **end-to-end report management system** that generates **inspection reports for NDT (Non-Destructive Testing)**, including images, videos, charts, and automated data processing.
- Collaborated on a **government defence project**, contributing to secure and mission-critical software components.

MERN Stack Developer

April 2024 – Aug 2025 (1 year 5 months)

Tech Mantra

Kolkata, West Bengal, India (Full Time, In Office)

- Architected and developed scalable solutions for **distributor and inventory management**, supporting **2,000+ distributors** and **100,000+ retailers** and improving operational efficiency by **25%** for large-scale business operations.
- Developed high-performance platforms including **gamified gifting systems** handling **hundreds of thousands of users** and **multi-tenant e-commerce portals** managing **thousands of products**.
- Contributed to **government projects** and public-facing applications, ensuring **WCAG compliance**, secure integrations, and reliable large-scale deployments.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS

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

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

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

PERSONAL PROJECTS

Zoofi (E-commerce & Seller Management System) | React, Node.js, Express.js, MongoDB, Redux, RTK Query, Firebase

- Developed a full-stack e-commerce platform with an admin panel and a multi-tenant seller dashboard for seamless order and product management.
- Managed and processed 1000+ orders, supporting 200+ customers and 20+ sellers on the platform.
- 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.

FeedSync (Campaign Management App) | 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 Shadcn UI, significantly enhancing overall UX.

ExpenseEase (Expense Management App) | 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.

Digha Jagannath Dham (Temple Management System) | Next.js, React.js, Redux, 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.

Sales Drive (Distributor Management System) | React, Node.js, Express.js, MongoDB, Tailwind CSS, Redux, RTK Query

- Developed a comprehensive distributor management system for enterprise-level operations.
- Handled and streamlined operations for 100,000+ retailers and 2,000+ distributors across India.
- Integrated real-time data tracking and automated inventory management.
- Designed and implemented a dynamic dashboard with in-depth analytics and reporting features to optimize operational workflows.
- Leveraged RESTful APIs and robust backend services to ensure data consistency, scalability, and efficiency.

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

Full Stack Web Development (MERN Stack) | Certification by PW Skills

August 2023 – January 2024