

AYUSH RANJAN SINHA

Phone: +91-8709415598 | Email: asayushranjansinha@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio Website](#)

WORK EXPERIENCE

RAHUL SOLUTIONS. (4 employee software & digital marketing startup)	Bokaro Steel City
Full Stack Developer (React & Node.js)	Jan 2024 - Present
<ul style="list-style-type: none">• Built a production-grade Learning Management System (LMS) using Expo (React Native), TypeScript, and Node.js, with a scalable backend using PostgreSQL DB and Express.js with Node.js.• Implemented Redis caching and BullMQ workers to optimize performance and handle background tasks like scheduled OTP sending and progress analytics.	
RAHUL SOLUTIONS.	Bokaro Steel City
Front End Developer Intern (React.js)	June 2023 - Dec 2023
<ul style="list-style-type: none">• Developed and maintained user interfaces for web applications using React.js, improving user experience and application responsiveness.• Integrated RESTful APIs to fetch data and ensure seamless communication between the frontend and backend.	

EDUCATION

B.tech in Computer Science & Engineering	CGPA - 8.80
Maulana Abul Kalam Azad University of Technology, West Bengal	Aug 2020 - June 2024
Senior Secondary School Certificate Class 12th	Percentage: 76.66%
Sree Ayyappa Public School, Bokaro Steel City	Apr 2018 - Mar 2019
Secondary School Certificate Class 10th	CGPA: 9.20
Sree Ayyappa Public School, Bokaro Steel City	Apr 2016 - Mar 2017

PROJECTS

API Testing Platform Next.js, TypeScript, PostgreSQL	Deployed URL
<ul style="list-style-type: none">• Built a full-featured API testing platform supporting 7 HTTP methods with Monaco code editor, multi-provider OAuth, and 3-tier organizational structure (Workspaces, Collections, Environments) using Server Actions.• Integrated Google Gemini AI to generate request bodies and analyze responses, achieving instant UI updates with server side TanStack Query and reducing user input time by 60%.• Developed secure proxy service handling CORS for external APIs, implemented 3-level RBAC (Owner/Admin/Member), and designed 8-table relational database schema with Prisma and PostgreSQL.	
Workflow Automation Tool Next.js, TypeScript, Vercel AI SDK	Deployed URL
<ul style="list-style-type: none">• Built a production-grade visual automation platform with drag-and-drop workflow editor, enabling users to create complex automations including HTTP triggers, webhooks, conditionals, and AI model integrations (OpenAI, Claude, Gemini).• Architected a type-safe full-stack application using tRPC for end-to-end type safety, Prisma ORM, and Inngest for distributed background job processing with real-time execution monitoring.• Stripe payment integration, and AI-powered workflows with streaming responses using Vercel AI SDK—all deployed with proper security (CORS, encrypted storage) and monitoring.	

SKILLS

Programming Languages & Frameworks: JavaScript (ES6+), C++, Next.js, React.js, React Native (Expo), Node.js, Express.js, Redux Toolkit (RTK), Zustand, Microservices Architecture.

Tools, Databases & Integrations: MongoDB, RESTful APIs, WebSockets, OAuth, JWT, Payment Gateways (Stripe, Razorpay), ShadCN-UI, GSAP, Framer Motion, Data Structures & Algorithms (DSA), Problem Solving, Git, GitHub.

Soft Skills: Communication (Fluent in Hindi and English), Problem-Solving, Collaboration, Adaptability