

Sandip Singha

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SUMMARY

Experienced Fullstack Developer skilled in building scalable REST APIs, secure authentication, and deploying cloud applications. Proficient with Node.js, Express.js, React.js, Next.js, tRPC, PHP, and some DevOps tools including GitHub Actions and AWS.

WORK EXPERIENCE

Fullstack Developer, Indomitech Group

Apr 2025 - Present

- Developed REST APIs using Node.js and Express.js.
- Built frontend interfaces with React.js and Next.js.
- Integrated external marketing Leads API for CRM.
- Managed deployments and CI/CD with GitHub Actions.
- Developed cross-platform APIs to support mobile and web applications.

PROJECTS

Real-Time Chat Application

Live

Architected a microservice-based real-time chat application using Next.js for frontend and Express.js for backend, powered by Socket.io for instant messaging. Implemented message queuing with RabbitMQ and caching using Redis for fast delivery and fault tolerance. Deployed the system across AWS services ensuring horizontal scalability and secure API communication.

Invosmart

Live

Developed a multi-tenant business finance platform to manage invoicing, track payments and monitor financial analytics. Built with Next.js 16 (App Router), tRPC for end-to-end type-safe APIs, Drizzle ORM with PostgreSQL . Implemented secure authentication using Better Auth and deployed the platform on Vercel for high availability and performance.

Web Scraper Pro

Live

Developed a Next.js web scraping tool with server-side API routes using Cheerio for HTML parsing. Extracted structured data (headings, tables, links, images) with multi-format export (JSON).

EDUCATION

2022 - 2025	Bachelor of Computer Applications, JIS College of Engineering	CGPA: 7.90
2022	Higher Secondary Examination, Kabi Bijoylal H. S. Institute	Percentage: 80

SKILLS

Programming Languages: C, Java, JavaScript, TypeScript

Backend: Node.js, Express.js, PHP, tRPC

Frontend: HTML, CSS, JavaScript, React.js, Next.js, Zustand

Databases & ORMs: PostgreSQL, SQL, MongoDB, Prisma, Drizzle

Tools & Infra: Docker, Git, GitHub Actions, RabbitMQ, Redis, AWS

