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 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

MEET AI

Developed a real-time AI meeting assistant integrating video calls and intelligent automation using React, Express, Zustand, TanStack Query, TailwindCSS, and OpenAI Realtime API. Features include meeting scheduling, transcription generation, and summary automation. Optimized backend for concurrent sessions and deployed on AWS (EC2, CloudFront, and S3) for scalability and reliability.

Real-Time Chat Application

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 Pub/Sub for fast delivery and fault tolerance. Deployed the system across AWS services ensuring horizontal scalability and secure API communication.

EDUCATION

2022 - 2025	Bachelor of Computer Applications, **JIS College of Engineering**	CGPA: 7.90
2022	Higher Secondary Examination, **Kabi Bijoylal H. S. Institute**	Marks: 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, Nginx, Apache2