

Rahul Soni

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EDUCATION

Sant Longowal Institute of Engineering and Technology

Bachelor of Engineering in Electrical Engineering

Sangrur, Punjab

November 2020 – June 2024

EXPERIENCE

Full Stack Developer

AlphawareNext Technologies

Feb 2025 – Present

Mumbai, India

- * Backend Developer – (OTT Platform — 1M+ Users)
- * Designed a scalable video upload pipeline with AWS S3 pre-signed URLs multipart uploads, reducing server load by 70%.
- * Secured streaming with CDN signed cookies + serverless functions, ensuring low-latency playback and preventing URL leakage.
- * Optimized MongoDB queries aggregation pipelines, cutting CPU usage from 100% to 10–15% and improving data retrieval speeds 65%.
- * Reconfigured AWS MediaConvert (CBR → QVBR + H.264), cutting CloudFront costs by 45–50% and reducing user data consumption by 85%.
- * Managed 5+ microservices with a custom API gateway, centralizing error logging and ensuring platform reliability.

Full Stack Developer

JourneyHub

April. 2024 – June. 2025

Remote, India

- * Developed a full-stack travel platform using React, Node.js, Prisma, and PostgreSQL, deployed on AWS (S3 + CloudFront).
- * Integrated Gemini API to generate AI-powered city overviews and trip summaries from user itineraries.
- * Built key product modules including a Reels-style vertical video scroll for travel content and an analytics dashboard to track user engagement on itineraries.
- * Implemented Redis-based OTP auth and caching, customized third-party whitelabels via advanced CSS overrides, and sourced compatible external APIs through in-depth documentation analysis.

PROJECTS

Summr-AI | [github](#) | *Next, Tailwind, PostgreSQL, TRPC*

Dec 2024 – Jan 2025

- Engineered a SaaS platform using the T3 stack and tRPC, enabling users to manage GitHub projects by integrating Octokit for commit polling and Gemini API for summarization.
- Implemented AI-driven summarization for repository files and folders, with vector embeddings stored in PostgreSQL for advanced query resolution.
- Integrated Assembly API for accurate audio meeting summaries and chapter generation.

Open-Up | [github](#) | *Hono, React, Cloudflare Workers, Postgres*

April 2024 – May 2024

- Engaging user experience with seamless infinite scrolling, intuitive pagination, and smooth content transitions, enabling users to effortlessly share and explore unlimited content.
- Optimized backend performance and database communication, resulting in faster load times and a highly responsive platform, enhancing overall user satisfaction.

TECHNICAL SKILLS

Languages: C++, SQL (Postgres), NoSQL (Mongodb), JavaScript, Typescript, HTML/CSS

Frameworks: React, Node.js, Next, Tailwind, Hono, Cloudflare workers

Developer Tools: Git, Docker, AWS, VS Code, Socket.io, Turborepo, Express

TECHNICAL ACTIVITIES

- * **Team Leader, AGRICT' S (Dummy Company Competition).** Presented Agrict's elevator pitch and aligned strategy through close collaboration with team members.
- * Prototyped a GenAI-powered intelligent mail system at Mumbai Hacks, the world's largest GenAI hackathon.
- * Accomplished problem-solving expertise by successfully solving 200+ DSA problems across diverse platforms, demonstrating strong analytical and coding skills.