

# AMAN SONI

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## PROFILE SUMMARY

Full-stack AI-driven engineer specializing in event-driven scalable architectures. Built AI-powered chat, recommendation engines, and dynamic pricing systems with OpenAI, ElevenLabs, RedisAI. Passionate about optimizing high-traffic systems, cutting cloud costs, and building seamless user experiences in top-tier product companies.

## WORK EXPERIENCE

Software Engineer

Aug 2024 - Present

OnSite

NineHertz

- Developed an AI-powered virtual assistant using ElevenLabs voice cloning and OpenAI-driven recommendations, automating customer interactions & voice-based engagement. Integrated real-time queue-based processing (BullMQ, Redis) to improve system responsiveness and scalability.
- Outcome:** Reduced manual workload by 40%, optimized back-end performance, and enhanced AI-driven user interactions at scale.

Software Engineer

Apr 2023 - Jul 2024

Remote

Tempospace

- Revamped backend architecture by optimizing RBAC security, database queries, and caching, reducing cloud costs and improving response times by 6 seconds
- Outcome:** Increased system efficiency, cost savings, and user engagement through faster response times and secure access management.

## PROJECTS

Snapcart - AI-Powered Multi-Vendor eCommerce Platform

Oct 2024 – Mar 2025

- Built a multi-vendor eCommerce platform integrating AI-driven recommendations and dynamic pricing to optimize user shopping experience
- Features:** AI-powered product suggestions, vendor storefronts, reward-based purchasing, secure checkout, and real-time order tracking.
- Tech Stack:** Next.js, Supabase, Prisma, Zustand, Stripe, PostgreSQL, Python, Open AI.
- Demo Id:** demoguest69@gmail.com, **Password:** Gue\$t123.

Coursewave - AI-Powered Learning & Collaboration Platform

Jan 2024 – Oct 2024

- Built an AI-driven learning ecosystem integrating AI-generated roadmaps, real-time collaboration, and expert-led sessions to enhance skill development.
- Features:** Personalized learning paths, interactive course content, project-based collaboration, instructor monetization, and session booking.
- Tech Stack:** Next.js, React Query, TypeScript, Prisma, PostgreSQL, Supabase, Zustand, Stripe, Cloudinary, Uploadthing, Stream Sdk, ffmpeg, Redis, BullMQ.
- Demo Id:** guest@gmail.com, **Password:** Gue\$t123.

## SKILLS

Languages & Frameworks	TypeScript, Python, Dart, Next.js, React.js, Node.js, Express.js, Flutter
AI & Data	OpenAI (LLMs, AI), ElevenLabs (Voice Processing), Vector DB (RedisAI)
Databases & Cloud	PostgreSQL, Redis, MongoDB, DynamoDB, AWS, Serverless
DevOps & Tools	Docker, K8's, Git, GitHub, CI/CD, Prometheus, BullMQ, WebSockets,

## EDUCATION

Bachelor of Technology (Computer Science & Engineering) - 8.9 CGPA

2019 - 2023

B K Birla Institute of Engineering & Technology

Pilani, Rajasthan