

SUMMARY

Backend-focused Senior Software Developer with 3+ years of experience building scalable systems across healthcare and insurance. Strong expertise in Node.js, event-driven architectures (Kafka), system design, and AI-powered automation, including LLM/VLLM integration and fine-tuning. Track record of scaling platforms to 100,000+ monthly interactions, cutting operational costs by 74%, and leading engineers to deliver production-ready solutions.

EXPERIENCE

Senior Software Developer Bajaj Finserv Health June 2026 – Present

- Scaled the voicebot backend to 500,000+ (5 lakh+) calls per month, up from 1,000+ per day, maintaining high reliability at the increased volume.
- Module owner of a damage detection module for a motor insurance project with Vidal International, using a hybrid VLLM + custom model-training approach to work with limited labeled data.

Software Developer Bajaj Finserv Health Jan 2025 – May 2026

- Designed a scalable voicebot backend handling 1,000+ automated calls per day; migrated core workflows from database-driven processing to a Kafka-based queue system, enabling async execution and handling 2x traffic growth with 40% lower latency.
- Spearheaded backend development for a sales portal used by agents and relationship managers, enabling access to 500+ nearby doctors, meeting logging, lab bookings, and ticket management — a 25% boost in sales efficiency.
- Fine-tuned Qwen-2.5VL 32B to replace GPT-4o, cutting per-query cost from ₹0.30 to ₹0.078 (74% reduction) while maintaining 95% accuracy.
- Mentored and managed 2 interns, overseeing task planning, code reviews, and technical guidance for production-quality deliverables.

Associate Software Developer Bajaj Finserv Health July 2023 – Dec 2024

- Built and scaled appointment management features (100,000+ monthly appointments, 60,000 new patient records) and developed registration/configuration modules used across multiple healthcare partners.
- Designed and deployed a weight management app, showcased at the company AGM and used at Chennai health camps, capturing 600+ real-world entries; also shipped AI-based bulk messaging templates for large-scale campaigns.

Intern Bajaj Finserv Health Jan 2023 – Jun 2023

- Revamped the queue management UI (auto-blink alerts, auto-scroll), improving coordination for 7,000+ active users, and led integration of the Aarogya Care insurance platform, generating 15% more leads for 1,000+ users.

SKILLS

Backend & Systems	Node.js, Express, TypeScript, Event-driven architecture (Kafka), REST APIs, System Design, SQL, NoSQL
AI / Automation	LLM integration & fine-tuning, Voicebot & conversational systems, AI-based workflow automation, VLLM & computer vision (damage detection)
Frontend, Cloud & DevOps	React, React Native, Next.js, Microsoft Azure, CI/CD pipelines, Git, GitHub

EDUCATION

Bachelor of Technology (B.Tech) · SRM Institute of Science and Technology - (Computer Science) March 2019 – May 2023

AWARDS AND LEADERSHIP

- Sharp Shark Award (Jul & Dec 2024) – delivered multiple critical projects with shortest TAT; built the voicebot.
- Limelight Award (Mar 2024) – rapid execution on lab data scraping and device readiness.
- Stellar Squad Award (May 2025) – recognized for outstanding team contributions.
- Hackathon Interviewer & Mentor, SRM University (Sept 2025) – represented Bajaj Finserv Health at Ideathon 5.0; mentored teams on React Native, backend systems, and AI-driven solutions.