

Aryan Patel

📞 9106690970 — ✉ patelaryan0914@gmail.com — 🌐 aryan0914 — 📄 patelaryan0914

Summary

Full-stack developer with experience building scalable, multilingual platforms using Next.js, React.js, Node.js, and MongoDB. Proven success in DevOps, cloud deployments, and AI-integrated systems. Finalist at SIH 2024.

Skills

Frontend React.js, Next.js	Backend Node.js, PostgreSQL, MongoDB
Cloud AWS, Cloudflare	Languages JavaScript, TypeScript, C++
DevOps Docker, GitHub Actions, CI/CD	Tools Git, Postman, Prisma

Experience

Language Technologies Research Center, IIIT Hyderabad <i>Software Engineer (Full Stack)</i> <ul style="list-style-type: none">Leading full-stack development for BandhuCare, a multilingual post-medication support platform for patients, developed in collaboration with CMC Vellore.Architected a multi-tenant backend using MongoDB to securely isolate hospital data across independent databases.Built scalable RESTful APIs in Node.js (Express), Used Redis Caching to optimise the backend performance by 40Integrated fine-tuned speech-to-text models for Indian languages, achieving over 85% transcription accuracy.Developed the admin dashboard in Next.js and collaborated with Flutter developers to ensure mobile accessibility.	May 2025 – Present
Covrize, Ahmedabad <i>Full-Stack Developer Intern</i> <ul style="list-style-type: none">Built a full-stack app with Next.js and Node.js, optimizing frontend responsiveness and backend throughput.Implemented SSR/ISR to boost SEO and minimize page load time.Improved PostgreSQL performance by 30% through query optimization.Deployed scalable infrastructure on AWS EC2 and S3, reducing deployment cycles by 40%.	May 2024 – May 2025

Education

Charusat University <i>B.Tech in Computer Science & Engineering</i>	Oct 2021 – Apr 2025 <i>GPA: 8.99/10</i>
Certifications <ul style="list-style-type: none">MongoDB University – Node.js Learning PathAWS Educate – Getting Started with ComputeDocker Containerization for Modern Development	

Achievements

Finalist – Smart India Hackathon 2024 <ul style="list-style-type: none">Ranked among the top 5 teams (out of 500+) in the MIC problem statement category.Developed an AI-backed solution for the Ministry of Education's Innovation Cell (MIC).	
Open-Source Contributor – MedusaJS (Shopify Alternative) <ul style="list-style-type: none">Contributed to the core MedusaJS repository (PR #13521); merged into main branch.Fixed UI inconsistency by replacing native <code><select></code> elements in <code>CountrySelect</code> and <code>ProvinceSelect</code> components with Medusa UI's Select component.Improved dashboard accessibility and design consistency across the admin panel.	

Projects

CallsConnectAI – AI-Powered Call Center <ul style="list-style-type: none">Built a multilingual call center using Speech-to-Text and LLMs; reduced operational costs by 30%.Launched MVP for complaint registration and automated follow-ups, increasing efficiency by 40%.Integrated LiveKit to enable real-time, scalable voice communication and concurrent multi-call handling.Demo Video: youtube/demo-video — Pitch Video: youtube/pitch-video	Aug 2024 – May 2025
Sharavan AI – Multilingual Meeting Transcription Assistant <ul style="list-style-type: none">Implemented real-time transcription pipeline supporting English, Hindi, and regional dialects.Optimized ASR performance and reduced transcription latency by 35% through streaming and batching.Designed modular APIs for seamless integration into healthcare and enterprise communication tools.Live Website: shravanai	May 2024 – Aug 2024