

Amit Bhati

Full Stack Engineer — Voice AI Systems

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SUMMARY

Full Stack Engineer with 1.5+ years of experience building AI-powered and scalable web systems. Strong expertise in React, Next.js, Node.js, and Python with hands-on experience in Voice AI platforms, real-time systems, cloud deployments, and CI/CD pipelines. Experienced in designing frontend architectures, backend APIs, and deploying production-grade services across AWS, Azure, and GCP.

EDUCATION

Manav Rachna Educational Institutions

B.Tech in Computer Science

Haryana

2021 – 2025

- Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, AI, Machine Learning

SKILLS

Languages: JavaScript, TypeScript, Python, Go (gRPC), Java

Frontend: React.js, Next.js, State Management, Performance Optimization, Tailwind CSS

Backend: Node.js, Python (Flask), REST APIs, Webhooks, gRPC

Databases: MongoDB, PostgreSQL (complex queries), Redis

Voice AI: Pipecat, LiveKit, HTTLM, DTS, WebRTC

Cloud & DevOps: AWS (EC2, CloudFront, CDN), Azure (Key Vault), GCP, Docker, PM2, Jenkins, ArgoCD, CI/CD, Basic Kubernetes (YAML, Secrets)

EXPERIENCE

LiaPlus AI

Software Development Engineer I

Delhi

Dec 2024 – Present

- Built a real-time Voice AI platform using Pipecat and LiveKit, reducing call latency by enabling sub-500ms WebRTC streaming.
- Developed scalable backend services using Python (Flask) and Node.js, improving API reliability and webhook processing efficiency.
- Designed and implemented a dynamic workflow editor, accelerating AI call orchestration configuration time by 40%.
- Deployed containerized services on AWS EC2 using Docker and Jenkins CI/CD, reducing deployment failures and downtime.
- Integrated Azure Key Vault and CloudFront CDN, improving security and global content delivery performance.

Agrigravity Technologies Pvt. Ltd.

Frontend Developer

Remote

Jun 2024 – Dec 2024

- Developed responsive React and Next.js applications with focus on UI/UX, performance optimization, and state management.
- Integrated backend REST APIs and optimized frontend rendering, improving load time and user interaction efficiency.
- Collaborated in agile sprints, contributing to rapid feature delivery and production-ready deployments.

PROJECTS

Voice Authentication System — Python, ML, MFCC

- Built MFCC-based voice biometric system achieving 85%+ accuracy with under 5-second verification latency.

ACHIEVEMENTS

- Solved 410+ LeetCode problems demonstrating strong DSA fundamentals
- 95th Percentile in JEE Mains
- Champion, UCMAS State Level; 3rd Place, International Level

CERTIFICATIONS

- Google Cybersecurity Professional Certificate
- Meta Front-End Developer Professional Certificate