

FULAJI THAKOR

Lead Full Stack Engineer | VoIP, Real-Time Systems & AI Voice Agents

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PROFESSIONAL SUMMARY

Lead Full Stack Engineer with **8+ years** of experience building and scaling VoIP and messaging SaaS platforms. Founder and lead engineer of **Dialynx**, a live AI voice-agent SaaS combining Twilio telephony, LLMs (OpenAI, DeepSeek, OpenRouter) and neural TTS (ElevenLabs, Amazon Polly, Google) with CRM sync and subscription billing. Deep expertise in Node.js, Laravel, Socket.IO and multi-provider telephony (Twilio, Telnyx, SignalWire), with a track record of shipping call-routing engines, bulk messaging platforms and live call-monitoring systems end to end, from architecture to React/Angular/Vue frontends and cloud deployment.

CORE SKILLS

Backend	Node.js, Express, NestJS, AdonisJS, Laravel, CodeIgniter, Sails.js, REST APIs, Microservices
AI & Voice AI	LLM integration (OpenAI, DeepSeek, OpenRouter), prompt design, ElevenLabs / Amazon Polly / Google TTS, voice cloning, live transcription
VoIP & Messaging	Twilio, Telnyx, SignalWire, Plivo, Vonage: calls, SMS, ringless voicemail, recordings, call routing
Real-Time	Socket.IO, WebSockets, WebRTC browser calling, live call monitoring (barge & whisper)
Frontend	React.js, Next.js, Angular 2+, Vue.js, TypeScript, Tailwind CSS, Bootstrap
Databases	MongoDB, MySQL, PostgreSQL, Redis
Integrations	Stripe, Razorpay, HubSpot, Zoho CRM, Salesforce, Google Calendar, IPQS
Cloud & DevOps	AWS (EC2, Lightsail, S3), DigitalOcean, Azure, CI/CD (GitHub / GitLab), Git

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer / Lead Engineer, Digipine Infotech LLP

Gandhinagar | Aug 2023 – Present

- Own backend architecture for VoIP and messaging SaaS products, from API design to production deployment
- Designed a call-routing engine that distributes inbound calls across buyers by daily / monthly / global capacity and priority rules
- Integrated Twilio, Telnyx and SignalWire for inbound/outbound calls, SMS, ringless voicemail, number purchasing and recordings
- Built real-time dashboards and live call monitoring (barge & whisper) on Socket.IO
- Implemented Stripe subscription billing, IPQS spam-call filtering, and Redis caching on hot paths

Senior Associate (Node.js), DRC Systems

Gandhinagar | Mar 2023 – Aug 2023

- Developed secure, scalable REST APIs in Node.js for production client systems
- Optimized database queries and indexing to improve response times and scalability

Full Stack Developer → Web Developer, Xsquare Technology

Gandhinagar | Mar 2018 – Feb 2023 (promoted Dec 2021)

- Built real-time web applications with Node.js, Socket.IO, Angular and Vue.js; owned backend API development
- Delivered production applications on CodeIgniter, Laravel and Node.js across VoIP, e-commerce and CMS domains

KEY PROJECTS

Dialynx: AI Calling Agents SaaS (Founder & Lead Engineer) dialynx.com

Laravel, MERN (MongoDB, Express, React, Node.js), Twilio, OpenAI / DeepSeek / OpenRouter, ElevenLabs / Polly / Google TTS, Stripe

- Built and launched a multi-tenant SaaS for AI voice agents that hold real two-way conversations on inbound and outbound calls
- Pluggable LLM and TTS provider layer: tenants bring their own Twilio account, pick model and voice (incl. ElevenLabs cloning) and go live the same day
- AI receptionist with intent detection, call transfer to humans, and in-call appointment booking synced to Google Calendar
- Outbound campaign dialer for lead qualification; qualified leads auto-sync to HubSpot, Zoho CRM and Salesforce
- Live analytics dashboard (volume, outcomes, answer rate), call transcripts, recordings and in-browser WebRTC demo with live entity extraction
- Tiered subscription billing (monthly / yearly plans) with plan-based limits on agents, numbers and recording retention

RDX: Pay-Per-Call Routing Platform app.rdx.live

Node.js, Express, Socket.IO, Angular 17, Redis, MongoDB

- Campaign and publisher management with multi-buyer call routing by capacity (daily / monthly / global) and priority
- Number purchasing across Twilio, SignalWire and Telnyx; inbound call handling, recording and IPQS spam filtering

Nola Automation disrdialer.com

Laravel, Vue.js, Node.js (TypeScript), Socket.IO, MySQL

- Bulk SMS, calling, email and ringless-voicemail automation with real-time one-to-one SMS chat and browser calling; Stripe billing

Callers callers.integrator1.com

Node.js, Angular (TypeScript), Socket.IO, MongoDB

- Bulk SMS / calling / RVM platform with live call tracking (barge & whisper), Twilio browser calling and Stripe payments

Silverminds LLC silvermindsllc.com

Node.js, Vue.js, Socket.IO, MongoDB

- Lead management platform with one-to-one SMS chat, Twilio browser calling, live call monitoring and Stripe payments

Telefeo app.telefeo.com

Laravel, MySQL

- SaaS messaging and calling platform with Stripe subscriptions and a REST API powering Android and iOS apps

Other Projects

[SMS Calling System](#) (Node.js, Vue, Twilio + Telnyx) · [Textbolts](#) (Laravel, Vue) · [Ringless Voicemail](#) (Laravel) · [Gujarat Sahitya Academy](#) (CodeIgniter, Razorpay e-commerce) · [Soundjoc](#) (Angular, Node.js music streaming) · [Eccosphere](#) (CodeIgniter CMS)

EDUCATION

Bachelor of Engineering (BE), Universal College of Engineering & Technology, Ahmedabad | 2015

LANGUAGES

English · Hindi · Gujarati