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Core Technologies:

- NodeJS
- TypeScript
- JavaScript
- React
- Angular
- Tailwind
- Zustand
- GraphQL
- Postgres
- MongoDB
- Firebase
- NestJS

Others:

- Voice AI Pipelines
- Real-time Systems
- AI/ML Integration
- Design Systems
- Micro-Frontend Architecture
- Accessibility (AA)
- Performance Optimization
- STT/LLM/TTS Pipelines
- Workflow Orchestration
- Observability & Logging

Arvind Ram Singh Kishore

AI Product Engineer & Full-Stack Developer.

Engineer valued for building high-performance AI systems and real-time applications. I design scalable voice AI pipelines, workflow orchestration tools, and user-friendly dashboards regardless of stack.

Experience

I've worked on a handful of web projects over the past 7 years, some of which were for the following organizations:

VAPI Inc — Founding Lead Product Engineer March 2025 - Present

Leading the end-to-end design and development of real-time dashboards and AI-powered voice agent orchestration tools.

- Led the end-to-end design and development of Vapi's real-time dashboard using ReactJS, TypeScript, Zustand, and Tailwind CSS
- Redesigned dashboard architecture to improve reliability and performance, reducing page load times by 30%
- Developed Vapi Workflows orchestration builder with per-call overrides, bulk editing, and real-time debugging
- Built live transcript visualization with animated node traversal for multi-step voice agent debugging
- Redesigned logging and observability with component-level tracing across STT/LLM/TTS pipelines
- Implemented flexible data exports via webhooks and S3, improving production monitoring and incident resolution
- Led architecture and implementation of the Evaluations (Evals) engine using React, Zustand, and Node.js
- Contributed to core voice pipeline reliability with advanced voice activity detection and adaptive endpointing
- Implemented streaming speech-recognition filters, reducing false interruptions in AI conversations
- Revamped analytics and routing UX with a dashboard router serving weekly and daily assets from the same domain

CapConnect+ Inc — Director of Engineering May 2024 - March 2025

Spearheaded development of a digital marketplace for fixed income primary markets.

- Built a digital marketplace reducing corporate paper issuance time by 30%
- Increased platform adoption by 50% within a year through UX improvements
- Improved operational transparency and efficiency for issuers, dealers, and investors
- Contributed to 25% year-over-year growth in platform revenue

Suno Inc — Engineering Manager October 2023 - May 2024

Led the development of an AI-driven audiology software platform for healthcare providers.

- Developed an AI-driven platform streamlining patient management for audiologists
- Spearheaded integration of real-time analytics and generative AI features
- Achieved 30% increase in patient engagement through intelligent automation
- Reduced administrative tasks by 25% for healthcare providers

HavenTech — Team Lead, Senior Software Engineer October 2021 - October 2023

Led a high-performing design system team building inclusive experiences for over a million users.

- Led a high-performing design system team in the creation of the Haven Design System (HDS) using React and TypeScript
- Componentized HTML elements to ensure AA accessibility standards compliance
- Implemented a scalable Micro-Frontend architecture in Storybook
- Collaborated with product managers, UX designers, and cross-functional partners to drive results
- Developed an agile retrospective tool adopted company-wide using GraphQL, Express, React, and Node.js
- Integrated Stripe for payment gateway and free trial period functionality
- Redesigned the application to conform with RFC accessibility compliance and AA standards
- Improved accessibility and performance metrics using Google Lighthouse integration
- Transitioned JavaScript codebase to scalable TypeScript platforms
- Started and led developer communities like FrontEnd Learning Talks and Performance Thursdays

Vistaprint — Senior Software Engineer November 2018 - October 2021

Developed tools and services helping small businesses expand their online presence.

- Migrated over 2 million users from legacy site builder to the flagship website builder
- Designed exhaustive database scripts for deep verification and data model mapping without CX hindrance
- Developed revamped dashboards for Domains management, Email Hosting, and Customer statistics using Gatsby and GraphQL
- Implemented localized URL routing using Skipper in 26 languages and 22 locales
- Maintained legacy website WEBS.com using React, NodeJS, Spring Boot, JavaScript, Groovy, and Grails
- Full-stack development across various applications within the webs codebase
- Led the eventual sunset of the legacy platform