

Abhijeet Kadam

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java

Frameworks & Libraries: Node.js, Express.js, Hono, Next.js, React, Tailwind CSS, Prisma, BullMQ

Databases: PostgreSQL, MongoDB, Redis, Quadrant, Supabase

Infrastructure & DevOps: Docker, GitHub Actions, Azure Container Apps

Cloud & Integrations: Azure Communication Services, Microsoft Graph API, Microsoft Business Central

EXPERIENCE

AEOS Labs | *Full Stack AI Engineer*

Sept 2025 – Present

- Engineered and shipped a full-stack B2B procurement platform from the ground up, owning the backend infrastructure and a Next.js frontend (Shadcn/ui, Redux Toolkit, TanStack Query) — implementing marketplace, RFQ, and vendor management workflows from UX designs to production.
- Reduced RFQ quote turnaround from 48+ hours to minutes by building an AI-powered pipeline that automatically parses inbound vendor emails and document attachments (PDF, DOCX, Excel) into structured quote line items.
- Architected a TypeScript monorepo with two independently deployable services — an HTTP API server and an async background job worker — and engineered a bidirectional sync with Microsoft Business Central covering vendors, items, quotes, and conversation threads, with real-time email ingestion via Microsoft Graph webhooks.
- Built production-grade resilience across the system: circuit breakers on all external service calls, exponential backoff with dead-letter queues, cluster-aware Redis rate limiting, and a multi-strategy vendor sourcing orchestrator that cascades through catalog matching, preferred vendor lookup, AI-powered web discovery, and manual review fallback.
- Deployed the full stack on Azure using Container Apps with independent per-service scaling, Azure PostgreSQL, Azure Redis, Blob Storage for document management, and Azure Communication Services for transactional and follow-up emails.

PROJECTS

Rika — AI Meeting Notetaker & RAG Assistant | *Next.js, TypeScript, Recall.ai, Qdrant, Drizzle/Neon*

- Built an AI meeting assistant that joins Zoom, Google Meet, and Microsoft Teams calls via Recall.ai, capturing speaker-attributed transcripts and supporting both post-meeting RAG chat and live in-call Q&A through @Rika mentions.
- Designed a webhook-driven post-meeting pipeline that chunks transcripts by speaker turn, generates 768-dimensional Gemini embeddings, and upserts them into Qdrant before persisting metadata to PostgreSQL with failure-safe processing.
- Implemented category-scoped RAG with query classification to skip unnecessary retrieval, streaming cited responses through the Vercel AI SDK, and automated meeting intelligence including summaries, action items, and timestamped highlights using DeepSeek.
- Integrated Google Calendar and Microsoft Outlook OAuth for automatic meeting recording, and added multi-user authentication, resource-level ownership checks, and Upstash rate limiting for secure multi-tenant usage.

ARIA — Multipurpose AI Voice Agent | *TypeScript, Hono, Twilio, Gemini Live, Deepgram, Supabase, Upstash Redis*

- Built a configurable AI voice agent platform that handles inbound phone calls end-to-end, designed to be deployed across use cases like appointment booking, customer support, and lead qualification.
- Achieved sub-800ms response latency using a native audio-to-audio pipeline, with a fully functional fallback to a sequential STT/LLM/TTS pipeline switchable via configuration.
- Supports 30+ languages out of the box, automatically detecting the caller's language and conducting the entire conversation in it.
- Implemented real-time barge-in so callers can interrupt the agent mid-response, with instant audio cutoff and conversation recovery.

EDUCATION

Vishwakarma Institute of Information Technology

BTech in Electronics and Telecommunications | CGPA: 8.93 / 10

Aug. 2021 – May 2025