

Hello I am Anirudh Jayakumar

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

Summary

Full-stack engineer who ships production systems with zero downtime. Built few-shot learning annotation feature (patent pending) from zero in <1 month, now the cornerstone of customer demos. Proven track record of decomposing complex codebases into scalable architectures.

Experience

JULY 2025 - PRESENT

NYX, Remote – *Software Engineer*

- Refactored monolithic image generation codebase: Consolidated 10–15 files (1,500+ lines each) into 5–10 single-responsibility components.
- Shipped 11 production PRs (month 1) with zero incidents: Implemented reliable state management patterns across all edge cases for the image generation pipeline.

NOVEMBER 2024 - JUNE 2025

QPi AI, Bangalore – *Software Engineer Intern*

- Built end-to-end few-shot learning annotation system (Patent Filed: March 2025): Architected and shipped full-stack feature in <1 month—Next.js frontend with React hooks for state management, Prisma schema design, RESTful API layer, and third-party integrations. Contributed to workflow orchestration design with Hatchet.
- Delivered the product's only reliable feature: The annotation system became the cornerstone of customer demos, the first feature demoed to every trial with 100% stakeholder prioritization over legacy features. Zero downtime since launch.
- Implemented checkpoint/resume logic: Built fault-tolerant workflow handling for long-running image annotation processes, enabling users to resume from checkpoints without losing progress or reprocessing entire batches.
- Demo: [[Fewshot Annotation Demo](#)]

Projects

Canvas: [<https://canvas-dun-one.vercel.app/>]

Built a live React component editor enabling users to paste component snippets (with local state management via useState), render components in isolated iFrames, and edit visually via element selection. Live code generation with syntax updates and version-controlled saves to Supabase backend. Supports dynamic component rendering with live state synchronization across edits.

Review Co-Pilot: [<https://review-copilot-frontend.vercel.app/>]

AI-powered review analytics platform using FastAPI and Next.js integrates NLTK sentiment analysis, TF-IDF similarity search, and Gemini LLM responses with a SQLite backend.

ConvoFlow: [<https://github.com/Anirudh-rb26/ConvoFlow>]

Real-time AI chat system that combines LiveKit's real-time communication capabilities with memory-enhanced contextual conversations using Mem0 and Google's Gemini AI.

Education

2020 - 2024

National Institute Of Technology Rourkela, Rourkela – *B.Tech in Computer Science & Engineering*