

KESHAV KUNVER

Applied AI Developer | AI Engineer

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PROFESSIONAL SUMMARY

Software engineer with 6+ years in test automation and quality engineering, now building production LLM applications. Built a Claude agent with tool-calling and safety guardrails, wrote an LLM regression-test suite that catches model failures before they ship, and released an AI assistant to the iOS App Store. B.S. in Computer Science and a 4.0 M.S. in Software Engineering. Strong in Python, TypeScript, and full-stack development, with a testing and reliability background that applies directly to LLM evaluation.

TECHNICAL SKILLS

AI / LLM: Anthropic Claude API, OpenAI / ChatGPT, Vercel AI SDK, OpenRouter, prompt engineering, tool-calling agents, RAG (retrieval-grounded), real-time voice agents (LiveKit, Deepgram, ElevenLabs), structured outputs (Zod), LLM evaluation & regression testing, Cursor, GitHub Copilot

Languages: Python, TypeScript, JavaScript, Java, SQL

Frameworks & Platforms: Next.js, React, React Native / Expo, Node.js, REST API development, Three.js, Supabase (Postgres), Firebase, Stripe

Testing & Quality: Playwright, Selenium WebDriver, pytest, TestNG, Appium, Postman (REST APIs), JMeter, LLM eval / regression suites

Cloud & DevOps: Vercel, Docker, GitLab CI/CD, GitHub Actions, Jenkins, Expo EAS

Practices: Agile / Scrum, SDLC / STLC, risk-based testing, software verification & validation

AI PROJECTS

FourthSpace fourthspace.vip 2026

Mobile-first social web app on a 3D globe. Built with Next.js 16, React 19, Supabase, and Vercel.

- **Production LLM agent:** built an Anthropic Claude agent (Vercel AI SDK, ~1,200-line service) with tool-calling, multi-turn confirmation flows, and safety guardrails that plans real-world meetups from natural-language chat.
- **Real-time voice AI:** built a Python voice moderator (LiveKit Agents, Claude, Deepgram STT, ElevenLabs TTS) that detects when a group is converging on a topic and steers the live discussion.
- **Generative endpoints and evals:** shipped ~20 generative AI APIs (content generation, semantic search, video analysis) plus an LLM regression-test suite that turns past agent failures into unit tests so the same bug cannot ship twice.

Eternal Dharma ("Krishna AI") Mar 2025 – Aug 2025

AI spiritual-guidance app built with Expo, React Native, and Firebase. Live on the iOS App Store.

- **Domain-grounded assistant:** built a conversational assistant (Claude via OpenRouter) with a persona system prompt constrained to a structured scripture knowledge base and explicit citation rules.
- **Shipped & monetized:** integrated a subscription paywall (Superwall) and built the EAS release pipeline to the App Store.
- **Traction:** grew to 200+ users at peak.

PROFESSIONAL EXPERIENCE

Software Development Engineer in Test, Infosys Limited Mar 2021 – Present · Remote / San Francisco, CA

- **Automation at scale:** designed and maintained UI + API automation frameworks (Java/Selenium, JavaScript/Postman) and integrated them into GitLab CI/CD, reducing regression effort 40%.
- **Reliability:** partnered with engineers to debug API performance issues, cutting related defects 25%; validated backend data with MySQL across integration and system testing, and drove test strategy across Agile sprints.

Software Engineer, Relaymile 2021 · Remote / San Francisco, CA

- Developed React.js components and a reusable component library for dynamic, responsive UIs.

Software Engineer, Prathibha Management 2019 – 2021 · Remote / Los Angeles, CA

- Built a Django portal that let 1,000+ users create profiles and network, lifting engagement 20%.
- Optimized backend database performance and security, and supported testing and QA across the SDLC.

EDUCATION

M.S. Software Engineering, California State University, Fullerton (GPA 4.0) May 2025

Coursework: Software Verification & Validation, Software Design & Architecture, Requirements Engineering.

B.S. Computer Science, University of California, Riverside June 2020