

Hrishikesh Bolinjkar

Full-Stack & AI Engineer

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Full-stack & AI engineer who turns business requirements into shipped technical solutions — across both a product company (Etsaw) and a services company (Alyne, now as Tech Lead). Owns the full arc: understanding the problem, architecting the solution, and building it end to end — frontend, backend, data, and LLM orchestration. Production-grade LLM-systems judgment: deterministic scoring kept separate from the model, anti-hallucination grounding, and cost engineering.

Core: Next.js / React · Python (FastAPI / Flask) · PostgreSQL · Multi-agent LLM systems · System design

EXPERIENCE

Alyne — AI Software Developer → Tech Lead

Remote · May 2025 – Present

- Promoted to Tech Lead (Nov 2025) after standing up Alyne's entire Zoho delivery practice from zero developers and zero projects — the first hire, then hired and onboarded the team I now lead; took ~50 interviews and created the pre-implementation sign-off process that reduced rework.
- Delivered 7+ client projects end-to-end (requirements → solution architecture → BRD → build → demo) across ~5 team changes with no client-impacting delays; joined client calls, owned solutioning, and earned multiple 5-star ratings plus the Zoho CRM Administrator certification.
- Built a production multi-agent Claude pipeline (parallel Haiku specialists → Sonnet editor → fact-checker) with a code-enforced grounding layer and a deterministic scoring engine — the Business Audit Tool — shipped with 226 passing tests (Next.js 16 / Prisma / Postgres).
- Built a full-stack AI content-automation platform that generates SEO blog posts, service pages and city pages — a config-driven workflow engine, a multi-provider model gateway with per-call cost attribution, and a closed-loop learning system.
- Delivered Zoho implementations and custom Python integrations: a FastMCP agent server (~78 tools) with a human-in-the-loop safety stack, a multi-tenant Gmail→Zoho automation listener, and an Upwork bidding automation that cut the BD team's proposal time.
- Built a HousecallPro→Zoho Analytics data pipeline — wrote the custom extraction APIs and complex Analytics queries to meet client requirements, and reverse-engineered a way to capture voice-call-log data not exposed by the HousecallPro API; delivered ~20–30 dashboards and 100+ reports.

Freelance — AI & Mobile Developer

Remote · 2024 – 2025

- Built 2 Flutter mobile apps and a React web app for an AI podcast product, and set up AI chatbots and voice agents with Vapi and Voiceflow.

Etsaw — Software Development Engineer (Full Stack)

Remote · Feb 2022 – Jan 2024

- Built pixel-perfect React frontends from Figma for Circl8, a B2B recycled-plastics marketplace; grew from the marketplace UI into backend services — Typesense search and Flask microservice APIs — with database design and caching/performance optimizations that sped up the system.
- Built the client-side Takeback (reverse-logistics) application that closed the circular-economy loop, and ran product demos for clients.
- Set up the backend of an AI product (Brittenote) integrating an open-source LLM, and built the frontend of BriteCode AI, a ChatGPT-style AI assistant for coding.

SELECTED PROJECTS

Business Audit Tool — Solo-built full-stack AI product (Next.js 16, React 19, Prisma/Postgres): multi-agent Claude pipeline with a code-enforced grounding layer and a deterministic scoring engine, split web/worker queue with atomic-claim idempotency, and model-tiered usage with prompt caching. 226 passing tests.

Self-Serve Chatbot Platform — End-to-end SaaS: a user enters their website URL, the system scrapes their business to auto-build a knowledge base (RAG over a Pinecone vector DB), and returns an embeddable JavaScript snippet that puts a configurable chatbot live on their site — with lead-generation forms and an analytics dashboard of visitor conversations.

Therapist Practice-Management Platform (*own product, in progress*) — Building one platform for therapists to run their practice: scheduling, client management, AI-assisted session notes, and billing. Next.js + Supabase.

EDUCATION

M.S. Computer Science — Woolf University (Scaler Neovarsity) · 2023–2025 (awarded Oct 2025) · EQF7-accredited · GPA 4.0 / 97% · Specializations: Generative AI for Software Engineers (500h), Backend Engineering (625h).

B.Sc. Computer Science — Fergusson College, Pune · 2018–2021 · CGPA 9.56 (Grade O — Outstanding).

100x Engineers — Applied Generative AI cohort (6 months) — building real-world GenAI products.

SKILLS

Languages: TypeScript/JavaScript, Python, Java, Dart, SQL, HTML/CSS

Frontend: React, Next.js, Tailwind, Material UI, Flutter, design systems

Backend: FastAPI, Flask, Express, Spring Boot, REST APIs, background workers/queues

AI / LLM: Anthropic Claude, multi-agent pipelines, MCP/agent tooling, RAG (Pinecone), prompt caching, evals (Braintrust), Vapi/Voiceflow voice agents

Data / Infra: PostgreSQL, Prisma, Supabase, Firebase, AWS, Railway/Render/Vercel, Redis, Docker, GitHub Actions

Tools: Claude Code (Skills, Plugins), Cursor, Git/GitHub, Playwright, Postman, JIRA