

Mihirsinh Chavda

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SUMMARY

Full-stack developer who ships AI-powered products end to end, from semantic-search backends to open-source agent tooling. Strong across React, Node.js, and TypeScript, and on the LLM layer: RAG, vector embeddings, and production prompt pipelines.

TECHNICAL SKILLS

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

Frontend: React, Next.js, Tailwind CSS, Framer, Responsive Design

Backend: Node.js, Express, REST APIs, PostgreSQL, Supabase, Firebase, MongoDB

DevOps & Cloud: Git, GitHub, Vercel, Cloudflare, CI/CD basics

Other: Postman, REST API design, Auth flows

EXPERIENCE

Full-Stack Developer (Contract) — CODEX

Jan 2025 - June 2025

Remote

- Built core features of SkillMatch AI, a resume-to-job matching platform, using React, Node.js, Express, and MongoDB.
- Integrated OpenAI APIs for semantic resume parsing and contextual job-fit scoring, replacing manual keyword filtering.
- Designed and shipped REST APIs powering the matching engine and candidate ranking workflow, handling 1,000+ resume inputs in testing.
- Worked in 2-week Agile sprints with the engineering team, owning frontend components and backend endpoints end-to-end.
- Optimized MongoDB queries and refactored data models to improve API response times for the matching pipeline.

Freelance Software Developer

2025 - Present

Remote

- Build full-stack web applications and marketing sites for early-stage clients using React, Next.js, Node.js, and Tailwind CSS.
- Own delivery end-to-end for each engagement: scoping, architecture, build, and deployment, working directly with founders to ship on tight timelines.
- Integrate third-party APIs, auth, and payments into client products, and set up hosting and CI on Vercel and Cloudflare.

PROJECTS

Boostlane — Distribution Engine for Founders

2026

Next.js, TypeScript, Node.js, LLM APIs, Supabase, Embeddings

- Built a distribution tool that helps solo founders turn their work into on-brand content at scale, structured around an approval-compression loop that learns from user edits to converge on each user's voice over time.
- Architected a multi-stage LLM pipeline (structured site understanding, archetype rotation, phrase-banning, and cross-run memory) to enforce on-brand, non-repetitive output.
- Built embedding-based novelty scoring to detect and filter near-duplicate generations, measurably cutting repetition across runs.
- Validated with 50+ users across multiple countries, driving product iterations directly from user feedback.

AgentLens — Open-Source AI Agent Observability

2026

TypeScript, Node.js, Git internals, HTML reporting

- Built an open-source, fully local CLI that instruments AI coding-agent sessions and generates an HTML audit report of file changes, shell commands, test results, and risky operations, with no cloud, backend, or telemetry.
- Flags high-risk operations (env files, lockfiles, migrations, deletions) and generates PR-ready Markdown summaries, so developers can review agent work before they commit it.

- Designed the full pipeline from session capture to report generation, writing all state to a local `.agent\lens/` directory with no external dependencies.

Shiplog — Build-in-Public CLI

2026

TypeScript, Node.js, Commander, Git

- Built a zero-config command-line tool that parses git history into a dated Markdown build-in-public update, with shipped changes, next goals, and an X/Twitter-ready snippet.
- Implemented a flexible CLI with configurable time ranges, custom tweet templates, and file output, distributed via npm.

EDUCATION

Lakehead University — Bachelor of Science, Computer Science

Sept 2021 - Dec 2024

Thunder Bay, ON

- Top marks in Software Engineering (90%), Discrete Mathematics (90%), and Computer Programming II (89%).
- Relevant coursework: Algorithm Design & Analysis, Data Structures, Operating Systems, Database Management, AI Fundamentals, Object-Oriented Programming.
- Active member of Google Developer Student Club; ran Google Cloud workshops and mentored junior students in core programming.