

# Raj Bhensdadiya

Montreal, QC | [linkedin.com/in/raj-bhensdadiya](https://www.linkedin.com/in/raj-bhensdadiya) | +1 263-880-5669 | rajpatel001225@gmail.com | [github.com/rajbhensdadiya](https://github.com/rajbhensdadiya)

## SKILLS

**Languages:** JavaScript, TypeScript, Python, Ruby, Java, Solidity | **Frontend:** React, Next.js, Tailwind, Vite, Cypress | **Backend:** Node.js, Rails, FastAPI, Django, GraphQL, Server-Sent Events (SSE), REST API | **Data:** PostgreSQL, MongoDB, Redis, Celery | **Infra & Tools:** AWS, GCP, Docker, Terraform, GitHub Actions (CI/CD), Sentry, Agile | **AI/ML:** Claude API, Anthropic SDK, OpenAI API, CrewAI, LangChain, Model Context Protocol (MCP), RAG, Vector Search, Embeddings

## EDUCATION

### Concordia University

Master of Engineering (MEng), Software Engineering

Montreal, Quebec

Jan. 2024 - Apr. 2026

### Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University

Bachelor of Technology (B. Tech), Computer Engineering

Surat, Gujarat

Graduation Date: Jul. 2021

## WORK EXPERIENCE

### Floe Labs ([floelabs.xyz](https://floelabs.xyz))

Founding Software Engineer

Remote

Aug. 2025 - Present

- Architected and shipped an intent-based DeFi lending protocol end-to-end on Base Mainnet - indexer, backend, frontend, automation bots, and AI integrations - as the largest contributor across a **9-repo monorepo (14 apps, 5 shared packages)**;
- Built Floe's **spend layer for AI agents** - x402 credit lines that let agents pay per-call for **13,000+ APIs through a single endpoint** (settled in USDC on Base), exposed via the Floe Credit API and TypeScript SDK.
- Shipped **walletless, no-crypto onboarding** - email/Google sign-up funded by card, Apple Pay, or bank transfer, with wallets and gas provisioned in the background (no seed phrase, no gas token) - removing the biggest barrier to agent payments.
- Designed programmable, agent-readable spend controls - per-call caps, daily limits, destination allowlists, credit delegation, and on-chain agent reputation - so autonomous agents stay within budget.
- Distributed the protocol across **6+ surfaces** from one core - **an MCP server (41 tools** for Claude, Cursor, CrewAI), TypeScript + Python Coinbase AgentKit providers (**50+ actions each**), Telegram and X bots, a Next.js 15 web app, and a Farcaster mini-app.
- Engineered real-time on-chain systems - an intent-matching solver (auto-matching, partial fills, race-condition mitigation) and an event-driven liquidation engine with continuous loan-health monitoring and zero-capital flash liquidations.
- Shipped clone-and-run reference agents (AgentKit, CrewAI, LangChain, OpenAI, flash-arb bot, yield optimizer, Vapi voice agent) integrating the protocol in under 5 minutes.

### Chorus One

Frontend Engineer

Remote

Feb. 2024 - Jul. 2025

- Architected and delivered a Next.js/TypeScript application for cryptocurrency staking and rewards management.
- Cut dashboard load time 8× (120s → 15s)** by parallelizing API calls and optimizing GraphQL/REST integrations across multiple data providers.
- Reached **85% end-to-end test coverage** with Cypress, cutting production regressions.
- Led a refactor that modularized table components into reusable patterns, reducing duplication and improving maintainability.

### Rejoicehub Solutions

Software Engineer

Surat, Gujarat

Jan. 2022 - July 2023

- Led a team of 5 engineers using agile + CI practices, **doubling delivery throughput**.
- Tuned Node.js APIs and PostgreSQL queries to **cut response times 30%**.
- Built reusable React components and data-analytics microservices powering operational reporting.

## PROJECTS

### Neyo - AI SaaS Platform

- Built the production AI agent engine (Rails) and full React/TypeScript frontend
- Engineered a Claude-powered agent system with **65 custom tools**, multi-step tool orchestration, and real-time SSE streaming.
- Cut LLM API costs ~90%** via prompt caching, context compaction, and multi-model routing (Sonnet for the agent loop, Haiku for lightweight tasks).
- Built a multi-platform activation pipeline with **10 OAuth integrations** for automated account connection.

### Quellit AI ([quellit.ai](https://quellit.ai))

- Architected the platform (Next.js, FastAPI, Node.js microservices) with a RAG pipeline for knowledge-base ingestion, chunking, embedding generation, and semantic retrieval.
- Implemented CrewAI multi-agent orchestration (delegation, parallel execution, tool chaining) for automated test-case generation and bug detection; integrated Jira, Linear, Slack, GitHub, Figma, Stripe.