

Roshis Rai

Toronto, ON, Canada | Open to remote / hybrid in Canada

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SUMMARY

Full-Stack Software Engineer who shipped a production marketplace with Stripe Connect payments and escrow, booking availability, and multi-provider sign-in on TypeScript, Next.js, NestJS, and PostgreSQL. Also built a custom RAG pipeline (pgvector, OpenAI, RRF) and a GitHub Actions CI/CD pipeline with ESLint, TypeScript Gates and Vercel preview deploys.

SKILLS

Languages: TypeScript, JavaScript, Python, HTML, CSS

Frontend: React, Next.js, React Query, Jotai, React Hook Form, NextAuth, Tailwind CSS, MUI, GSAP, Three.js

Backend: Node.js, NestJS, Express, Django, REST, GraphQL, JWT, Passport, RBAC, TypeORM, Swagger

Data & AI: PostgreSQL, MongoDB, Supabase, pgvector, RAG, OpenAI API, Vercel AI SDK, Upstash Redis

Payments & Integrations: Stripe Connect, webhooks, Google Maps Places API, Nodemailer, Resend

DevOps & Testing: Docker, AWS, CI/CD (GitHub Actions), Vercel, Git, Jest, Supertest, Vitest, Cypress, ESLint

EXPERIENCE

Odd Chefs (Private Chef Marketplace)

Remote / Toronto, ON

Full-Stack Software Engineer | Next.js, React, NestJS, TypeScript, PostgreSQL, Stripe, Docker, AWS *Jun 2026 - Present*

- Replaced PayPal with Stripe Connect: in-app chef onboarding, Payment Element checkout, escrow until service is confirmed, 80/20 chef/platform split, Tuesday payouts held until funds cleared and stopped if Stripe status was missing, idempotent webhooks, and stage-aware refunds and disputes
- Built a JWT-protected availability API with one live booking per chef, day, and meal (weekdays, holidays, expiring unpaid holds, 6-hour gaps, 15-minute slots) and fixed a production timezone bug where a Sydney-hosted API greyed out the wrong days for North American users
- Shipped Google, Apple, Facebook, and email sign-in with 30-day rotating refresh sessions and super-admin user management; published the data-deletion page Facebook App Review requires
- Automated operations with 6+ scheduled jobs covering payouts, guest arrival emails 12 hours before service, chef digests, service-complete reminders, and a daily admin revenue summary
- Launched v1 by deploying the API and frontend to AWS EC2 via Docker with TypeORM migrations and production smoke tests; unit-tested booking, service-fee, and refund logic and wrote deployment runbooks

Sara Global Store

Remote

Full-Stack Web Developer (Contract) | Django, JavaScript, Git

May 2024 - Jul 2024

- Built a Django e-commerce platform with AJAX REST endpoints, inventory-tracked cart, and a 5-stage order workflow
- Increased conversions by 15% with an exit-intent popup and targeted discount offers

Goodmil Amrit Nirman Sewa

Kathmandu, Nepal

Full-Stack Web Developer (Contract) | Django, GSAP, JavaScript, Git

May 2023 - Aug 2023

- Built a Django app with 12+ models, REST endpoints, and AJAX filtering; deployed with sitemaps and image processing
- Integrated GSAP, AOS, and Swiper for animated UI and touch-responsive carousels

Upwork Client

Remote

Frontend Developer | JavaScript, HTML5/CSS3, Git

Jun 2023 - Sep 2023

- Built 40+ interactive text tools in vanilla JavaScript with a responsive Bootstrap 5 UI

PROJECTS

roshis.dev: Portfolio with Custom RAG Assistant | Next.js, TypeScript, Supabase, pgvector, OpenAI

roshis.dev

- Built a custom RAG pipeline (no LangChain): pgvector HNSW and full-text search fused with Reciprocal Rank Fusion
- Chunked markdown by heading and upserted by SHA256 hash, so blog posts and a knowledge base share one table
- Added Vercel AI SDK chat, Upstash Redis rate limiting, a Sanity CMS blog, and a Zod-validated Resend contact form
- Built GitHub Actions CI/CD: ESLint and TypeScript gates, Vercel preview deploys on PRs, production deploys on merge

Enterprise Subscription Management API

Feb 2025 - Mar 2025

Node.js, Express, MongoDB, GraphQL, JWT/RBAC | github.com/roshisrai/subscription-api/

- Built REST and GraphQL APIs with JWT/RBAC, cursor-based pagination, soft deletes, and audit logging
- Automated renewal, trial-conversion, and reminder workflows with Upstash QStash

EveryLinguaAI: Multilingual Voice Assistant

Mar 2024

Python, OpenAI GPT APIs, Speech Recognition, Audio Processing | github.com/roshisrai/everylinguaai/

- Built an AI voice assistant with multilingual real-time speech-to-text, GPT-based conversation, and text-to-speech

EDUCATION

Seneca Polytechnic, Diploma in Computer Programming

Aug 2023 - Jun 2025

Coursework: Data Structures & Algorithms, API Integration, Database Architecture, Cybersecurity, Operating Systems