

KAIRAT OROZBEKOV

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Senior Software Engineer / Data Engineer with 5+ years building and owning production systems end-to-end - from data pipelines processing 20M+ records to customer-facing apps and infra. TypeScript / NextJS / Python core stack, GCP/AWS, Postgres. Remote-first.

EXPERIENCE

Software Engineer - Narrativ (Remote)

Dec 2024 - Present

- Architected and led development of a Chrome extension (5,000+ active users) scraping 1M+ records/month, sustaining a 4.5+ star user rating
- Owned a large-scale data pipeline ingesting 20M+ records from Twitter, YouTube, and third-party sources end-to-end; drove Postgres performance strategy (indexing, partitioning, full-text search)
- Led front-end architecture for an MVP CRM (Next.js, Supabase Auth, Zod, shadcn), partnering directly with design while contributing to NestJS/TypeORM backend and Terraform-managed GCP infra
- Designed, built, and deployed a production Python API (Cloud Run, Docker, Telethon) automating capture across 340+ Telegram channels

Full-Stack Engineer (Contract) - Off Piste (Remote)

Jan 2026 - May 2026

- Delivered full-stack features end-to-end (Next.js, Supabase); introduced Gemini Assist into CI/CD, streamlining code review
- Independently built and shipped a Gemini-branded e-commerce shop powered by the Claude API

Full-Stack Developer - CloudRaker (Hybrid, Toronto)

May 2024 - Dec 2024

- Built a reusable component library (Next.js, Tailwind, Payload CMS) adopted company-wide, cutting dev time on new pages
- Prototyped a RAG chatbot (LangChain, ChromaDB, OpenAI), validating feasibility for future AI initiatives

Full-Stack Developer - LetsStopAIDS (Contract, Toronto)

May 2023 - May 2024

- Owned a full website rebuild from scratch (Next.js, TypeScript, GraphQL), improving avg. engagement by 25s
- Cut First Contentful Paint 3.4s to 1.5s and CLS 0.22 to 0 on mobile using Next.js SSR and optimized media delivery
- Built CD pipelines (Azure Functions, GitHub Actions, webhooks) letting non-technical staff self-publish CMS changes
- Interviewed, led, and mentored high school and college co-op students

Data Engineer - Trade X (via Resilience Corporate Services, Remote)

Jun 2022 - Feb 2023

- Configured an AWS OpenSearch cluster and migrated data from RDS via AWS DMS; designed a Kibana dashboard on 80M+ scraped records, driving weekly executive reporting
- Managed scraping across 140+ sites (Apify, Scrapy, Selenium, Playwright); diagnosed and fixed a critical duplication bug, cutting cost and improving data quality
- Built internal REST/GraphQL APIs consumed by other teams; ran ELT pipelines across S3, RDS, EKS, ECR, EC2, and DataSync

SKILLS

Languages: TypeScript, JavaScript (ES6), Python, Go

Frameworks & Libraries: Next.js, React, Tailwind CSS, NestJS, Node.js, Express, FastAPI, GraphQL, Astro.js, Payload, shadcn, Redux

Databases: PostgreSQL, Supabase, MongoDB, MySQL, Prisma ORM, TypeORM, Sequelize ORM

Cloud & DevOps: GCP, AWS, Azure, Docker, Terraform, Kubernetes, Firebase, GitHub Actions

AI & Dev Tools: Claude API, Claude Code, Cursor, LangChain, Gemini Assist, v0

EDUCATION

Computer Programming and Analysis

Sep 2019 – Apr 2022

Seneca College of Applied Arts and Technology