Victor Cheeney

Senior Software Engineer

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SUMMARY

Senior software engineer with four years at Kraken, where I owned backend services and products from design to production: a Rust identity verification service, shared CI/CD and release tooling, and tracing across a mobile app, its API and workers. I design for testability and prove each change with tests, so the codebase stays easy to change.

EXPERIENCE

Software Engineer, contract · corners, remote — Sep 2026 – present

- Turned a backlog of boxing result PDFs into clean records. Having a model read every page was slow and burned tokens, so I built code that reads each known layout (OCR for scans), a calibrated decision model that checks each bout against a crop of the PDF, with a person approving each event. Over 500 events are now in the record book.
- Built boxer ratings from bout history (Whole-History Rating, then per-bout Glicko-2 behind a feature flag); the client uses them and their charts to compare boxers.
- Built a CLI and an MCP server so the product owner fixes records by asking Claude, with version checks and undo.

Career break · IRONMAN training and personal projects — Jun 2026 – Aug 2026

- Trained for IRONMAN Ottawa and set a personal best of 9:38, 38 minutes faster than my 2025 race.
- Built Race Conditions, a wind forecast for the Ottawa bike course that helped me ride it in just over 5 hours.

Senior Software Engineer · Kraken, remote — Aug 2025 – May 2026

- Added distributed tracing to Inky, a Kraken mobile app for onchain trading, from the app through its GraphQL API to BullMQ workers. Later added OpenTelemetry and Sentry to the new decentralized exchange API before launch.
- Took the technical lead when a production incident made Inky unusable: coordinated three engineers, helped find two bugs and shipped an over-the-air fix for each, restoring the app within three hours. Wrote the postmortem.
- Applied ports and adapters to Inky's derivatives trading: the app calls one exchange-neutral interface, and each exchange is an adapter behind it; I then added Nado, a second exchange, through it.
- Owned Inky's move into Kraken's mobile monorepo on GitLab, reusing its shared CI templates, which let Kraken drop Inky's paid build service entirely. Wrote and taught the release process the team adopted.

Software Engineer II · Kraken, remote — Jan 2024 – Jul 2025

- Owned the engineering of Kraken Verify, an onchain identity verification product, end to end: Rust backend, Next.js frontend, Kubernetes deployment, dashboards and migrations.
- Designed a backend monorepo shared by two Kraken products, and led zero-downtime production migrations.

Associate, then Software Engineer I · RaritySniper (NFT analytics, acquired by Kraken) — Apr 2022 – Dec 2023

- Owned Blockchain Monitoring: as we found each new kind of Ethereum event, I added its parser and tests, so every change was checked against all known events. Built the sales team's lead alerts on it, designed with them.
- Cut database CPU usage by 65% with indexes and continuous aggregates, cut CI pipeline time by 50%, and helped move our services to AWS.

EDUCATION

BSc in Computer Science, Software Engineering, GPA 4.22/4.30 · Université de Sherbrooke — 2022

AWS Certified Solutions Architect – Associate · Amazon Web Services — Dec 2024

OUTSIDE WORK

Four IRONMAN finishes, improving from 11:17 to 9:38. I coach at my running club and rebuilt its website.

SKILLS

Languages: TypeScript (Node.js, NestJS, React, Next.js), Rust, Python, SQL
APIs and data: REST, GraphQL, PostgreSQL, Redis, BullMQ, SQLite
Cloud and delivery: AWS, Terraform, Docker, Kubernetes, Argo CD, GitHub Actions, GitLab CI, Cloudflare Workers
Observability and testing: OpenTelemetry, Sentry, Grafana, PostHog, Vitest, Playwright
AI: MCP, Claude Code, Codex, AI agents, LLM evaluation