

Cameron Lenius

647-366-8715 | cameron.lenius@gmail.com | github.com/cmlenius

Canadian citizen with 6+ years of experience developing backend and full-stack systems looking to move back to Toronto

SKILLS

Programming: Java, Typescript, Javascript, Clojure, Go, Swift, SQL, HTML, CSS, Bash
Frameworks: Spring, MyBatis, Jersey, Struts, Node.js, Next.js, React.js, Reagent, GraphQL
Technologies: Docker, Kubernetes, Azure, AWS S3, PostgreSQL, MongoDB, Hasura, Kafka, RabbitMQ, PagerDuty

WORK EXPERIENCE

Backend Software Engineer Adyen — Amsterdam, NL Sept 2022 – Present

- Developed multithreaded jobs and Java REST APIs on top of large-scale 400+ TB PostgreSQL databases, contributing to the continuous delivery of over a trillion processed payments to merchants in more than 100 countries
- Minimized foreign exchange exposure and liquidity risks by implementing algorithm to automate 1,000,000,000s of dollars worth of daily forex trades using an event stream consumer to continuously predict bank balance changes
- Managed cross-team project to centralize merchant bank account details and validation by identifying actionable tasks, delegating responsibility, and introducing integration testing, leading to a reduction in payout incidents
- Led top hackathon project to live product release ensuring communication with affected clients within 15 minutes of an incident by implementing a feedback loop that tracks underlying alert data until resolution
- Ensured quality and availability of services by advocating for higher component test coverage and system checks
- Resolved time-sensitive incidents critical to business operations in a high-stress environment as part of on-call rotation

Intermediate Software Developer Zuva AI (formerly Kira Systems) — Toronto, CA Aug 2019 – June 2022

- Implemented Go and Clojure microservices to facilitate AI contract analysis including text tokenization, document classification, model training, AWS S3 storage, Docker containerization and Kubernetes deployment to Azure Cloud
- Built a complex React (Typescript) component that leverages optical character recognition data to overlay images with highlightable text spans, enabling users to annotate training sets for custom model training
- Transitioned machine learning training method from offline to online learning, eliminating the need to retrain entire datasets, saving 1000s of hours of computational resources
- Introduced Role Based Access Control combining Auth0's Node.js Management API and Hasura's GraphQL permissions
- Unified product and CRM users using the Salesforce REST API allowing billing clients based on product usage

Full Stack Software Developer University Health Network — Toronto, CA Sept 2018 – Aug 2019

- Designed and implemented a Clojure/ClojureScript web application used across all UHN hospital morgues, enabling real-time tracking of corpses and automated email notifications when bodies require attention
- Created Java microservices to centralize patient data from MongoDB databases for clinicians to sign off on, directly impacting patient care efficiency by reducing discharge wait times

Contract Mobile Developer Emmetros Limited — Waterloo, CA Jan 2018 – Apr 2018

- Designed and implemented iPhone UI for Swift iOS app, analytics integration and Express.js routing for Node.js backend

PROJECTS

www.gloomhavencards.com github.com/cmlenius/gloomhaven-card-browser

- Ranked #1 on Google search with 2,700,000 page views from 120,000 unique users over the past year
- NextJS webapp used by members of the community to browse content from the popular board game Gloomhaven

EDUCATION

University of Waterloo Bachelor of Computer Science Sept 2014 – Aug 2018