Cameron Lenius

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

WORK EXPERIENCE

Backend Software Engineer   Sept 2022 – Present
Adyen   Amsterdam, Netherlands

- 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 over 100 countries

- Minimized foreign exchange exposure and liquidity risks by automating billions of dollars of daily forex trades using an event stream consumer to predict cash flows

- Managed cross-team project to centralize merchant bank account details and validation leading to a 5% 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

- Resolved time-sensitive incidents critical to business operations while on-call

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

- Implemented Go and Clojure microservice pipeline to facilitate AI contract analysis including 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, reducing 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 the business to bill clients based on product usage

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

- Created Java microservices to centralize patient data from MongoDB databases for clinician use, improving patient care efficiency by reducing discharge wait times

- Designed and implemented a Clojure/ClojureScript web application used by hospital morgues to track corpses and receive email notifications for bodies require attention

Mobile Developer   Jan 2018 – Apr 2018
Emmetros Limited   Waterloo, Canada

- 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
- NextJS (Typescript) webapp, ranked #1 on Google search with 2,700,000 page views from 120,000 unique users over the past year

EDUCATION

University of Waterloo
Bachelor's Computer Science
Sept 2014 - Aug 2018

SKILLS

Programming

> Java	Proficient
> Typescript	Proficient
> Javascript	Proficient
> Clojure	Proficient
> Go	Proficient
> SQL	Proficient
> HTML/CSS	Proficient
> Swift	Familiar
> Python	Familiar
> C/C++	Familiar

Libraries / Frameworks

> Spring	> Node.js
> MyBatis	> Express.js
> Struts	> React.js
> Jersey	> Next.js
> Mockito	> Reagent
> JUnit	> GraphQL

Tools / Technologies

> Docker	> PostgreSQL
> Kubernetes	> MongoDB
> Gradle	> Kafka
> Maven	> RabbitMQ
> Azure	> Hasura
> AWS S3	> OAuth2
> Elasticsearch	> OpenID

Languages

> English	Naitive
> French	Conversational