



# Christopher Iwaskiw

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## SUMMARY

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Full-stack engineer with experience across high-throughput pricing systems, large-scale email infrastructure, and customer-facing SaaS. Strong AWS/serverless background, daily AI-assisted development practitioner (Cursor, Claude Code, MCP), and on-call across the systems I ship.

## EXPERIENCE

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### Software Engineer — Pie Insurance [Dec 2024 – Apr 2026]

Full-stack engineer on a high-throughput insurance quoting and policy management platform. Worked on two teams including full-stack work on customer-facing systems and backend work implementing insurance pricing algorithms.

- Built an end-to-end data pipeline: relational schema, CSV ingestion template for non-technical business users, automated hydrator with validation and alerting, and AppSync/GraphQL exposure for downstream consumers.
- Refactored a core pricing service to source policy data via AppSync/GraphQL, decoupling services and simplifying upstream contracts.
- Developed front-end for production payment experience (drawer UI, ACH and credit/debit card flows, payment method management) integrating Zuora and Stripe.
- Built self-service report workflows end-to-end — backend endpoints, SendGrid notifications, and front-end status polling — plus an in-portal notification system with read state and banners.
- Diagnosed and fixed multiple production pricing bugs with direct financial impact.
- Daily user of Cursor and Claude Code with agent-based workflows, MCP integrations, and parallel subagents; authored custom Cursor Skills to codify team workflows and drove AI-tooling adoption across teammates.

### Software Engineer — Quorum [Jan 2023 – Sep 2024]

Full-stack engineer on a public affairs web platform (React + Django + SQL) used by Walmart, Google, and the US Air Force.

- Subject-matter expert on third-party data ingestion: architected an internal editorial tool, a series of data parsers, and the customer-facing Quorum site itself in Python, Node, and SQL.
- Spearheaded a quarter-long technical effort to improve reliability of customer alerting on legislative issues, partnering with two multinational teams to triage and engineer durable fixes.
- Built customer-facing features end-to-end across a React front-end and Django back-end on a complex SQL data model.

### Software Engineer — Sparkpost [Dec 2019 – Dec 2022]

Backend engineer on services delivering 3.3+ billion email messages per day at peaks of 250M/hour, on a 99.99% SLA.

- Built and maintained microservices in Node.js on AWS (EC2, ECS, Lambda); supported the world's largest brands through deliverability and sending issues.
- Led key projects including new monitoring infrastructure and API smoke-test coverage across the platform.
- Operated in a strict test-first culture — unit, functional, end-to-end, and smoke tests across every service.
- Led training sessions and authored documentation on core APIs, internal best practices, and onboarding material for new engineers.

### **Software Engineer — Reallaer** [Oct 2018 – Apr 2019]

Contracted by Reallaer to create a prototype content management system for the TSA as part of a contract for the Department of Homeland Security.

- Built a prototype tool providing a view layer, search engine, dynamic video player, and export tool for a library of videos created by Reallaer for use in training TSA agents.
- Additional tasks as an engineer at Reallaer included video recording technical assistance, data manipulation using Node.js scripts, and creation of all documentation and presentation material for the tool.

## **SKILLS**

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**Languages:** TypeScript, JavaScript, Python, SQL

**Frontend:** React, HTML, CSS

**Backend:** Node.js, Django, REST APIs, GraphQL

**AWS / Infra:** Lambda, DynamoDB, AppSync, EC2, ECS, CloudFormation, CDK, projen, CloudWatch

**Data / Payments:** PostgreSQL, MySQL, Zuora, Stripe, SendGrid

**Observability:** Datadog, CloudWatch

**AI Tooling:** Cursor, Claude Code, Model Context Protocol (MCP), agent-based development, custom Skills authoring

**Practices:** Production on-call, test-first development, code review, technical mentorship

## **EDUCATION**

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**B.S. Computer Science — University of Maryland** Class of 2018