

## SKILLS

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<b>Languages</b>	TypeScript/Javascript, Java, Python, Bash, Golang, SQL
<b>Frameworks</b>	Serverless, Svelte, Spring Boot, Micronaut, React/Redux, VueJS/Vuex
<b>Tools</b>	aws, git, kubernetes, prometheus, docker, maven, nix, redis

## WORK EXPERIENCE

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### Pinterest

<i>Software Engineer II</i>	Remote
	Feb 2024 – Present
<ul style="list-style-type: none"><li>Contributed to Pinterest's VM management system teletraan written in Java</li><li>Developed Pinterest's CD system for both EC2 and Kubernetes (custom plugins based Spinnaker) serving 60K+ compute resources</li><li>Implemented user friendly UX experience in Spinnaker's Deck UI (React)</li><li>Optimized artifact deployment flow, improving performance by 70%</li></ul>	

### Deliverr (Acquired by Flexport)

<i>Software Engineer II</i>	Remote
	June 2023 – Oct 2023
<ul style="list-style-type: none"><li>Developed a launch readiness dashboard using Datadog metrics to monitor traffic to new features</li><li>Optimized database performance by designing efficient queries and fixing deadlocks on MySQL tables with 15 million+ rows</li><li>Created SQL reports using Metabase and Snowflake to monitor critical business metrics</li><li>Wrote documentation outlining critical flows to business logic and debugging common FAQ's</li></ul>	

### Jr. Backend Developer

	May 2022 – June 2023
<ul style="list-style-type: none"><li>Managed invoicing with event driven system around Chargebee, billing 100K events per week from custom billing logic</li><li>Participated in implementation of new pricing system with rates assignment for 10k+ merchants</li><li>Created datadog dashboards/alerts to monitor systems, lowering FRT from 1+ days to minutes</li><li>Built REST API to generate/retrieve csv reports and excel sheets for customer's pricing data using lambdas and presigned urls from S3</li><li>Integrated IaC tools like Terraform and serverless with CircleCI, achieving easier deployments with better safeguards</li></ul>	

### Capital One

<i>Associate Software Engineer</i>	Toronto, ON
	Jan 2021 – April 2022
<ul style="list-style-type: none"><li>Implemented new content/components for Gatsby React site servicing 75K+ unique visitors/week</li><li>Ran A/B tests and tracked data from 5000+ experiment interactions per day using Optimizely</li><li>Wrote cypress, rtl, and enzyme tests while maintaining 100% code coverage</li><li>Integrated live API data into site, improving response time of product changes by 30 minutes</li><li>Participated in agile development practices to effectively manage tasks</li><li>Optimized AWS cloudfront infrastructure to increase resiliency through cloudfront origin failover</li></ul>	

### Software Engineer Intern

	May 2020 – Aug 2020
<ul style="list-style-type: none"><li>Implemented new user workflows in VueJS/Vuex SPA used by customer agents</li><li>Created new endpoints and business logic in RESTful NodeJS APIs that were consumed by 10K+ users per day</li><li>Performed Accessibility testing on web application, and documented/fixed issues</li></ul>	

### Software Engineer Intern

	May 2019 – Aug 2019
<ul style="list-style-type: none"><li>Upgraded Java REST API from Spring 4 to Spring Boot 2, reducing vulnerabilities by 50%</li><li>Added performance tweaks to object pooling for encryption/decryption, decreasing response time by 20%</li><li>Created unit and integration tests using Wiremock, H2 DB, and Mockito, getting 100% code coverage</li></ul>	

## PROJECTS

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### cyoa

Choose your own Adventure player + creation	Fastify, Svelte, Cloudflare, SQLite, k8s
<ul style="list-style-type: none"><li>Built UI using sveltekit + pixi.js to render decision graph</li><li>Designed editor using svelte-jsoneditor and custom logic to simplify adventure creation</li><li>Implemented storing audio and image files to show during adventure</li><li>Social auth login (Google Auth) with stateless sessions</li><li>Deployed to Cloudflare R2 + Pages + and kubernetes</li><li>Full CI/CD stack using fluxCD/github actions with monitoring (victoriameetrics)</li></ul>	

### fserv

File server w/ imgur style file name shortening used for self hosting images/files	Golang, Postgres
<ul style="list-style-type: none"><li>Wrote web server that served simple, light HTML website with JWT auth</li><li>Added features for account management and private files</li></ul>	

## EDUCATION

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### Carleton University

Bachelors Computer Science, 10.7/12 CGPA (3.8/4.0)	Ottawa, ON
Sept 2016 – Dec 2020	

- TA for data structures & algorithms class, mentoring 100+ students.