

Kate Culver

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ABOUT ME

With over 5 years of experience as a software engineer, I excel in problem-solving, writing efficient readable code, and designing intuitive interfaces. I'm currently spending my spare time studying machine learning, practicing aerial acrobatics, and knitting.

EXPERIENCE

Software Engineer

Pela | Kelowna, BC

02/2020 - 12/2022

- ❖ Assumed lead developer responsibilities on replatform from GraphQL React to Shopify, mentoring junior developers and making technical decisions.
- ❖ Designed and built upsell funnels, sales campaigns, and user dashboards for headless GraphQL TypeScript React ecommerce sites.
- ❖ Built Node.js AWS Lambdas to perform user updates and image generation utilizing S3 Buckets, Shopify Admin API, and MongoDB.
- ❖ Improved SEO, GA tracking, and conversion optimization through data informed decision-making.
- ❖ Trained and mentored junior and intermediate developers, helping them improve algorithm readability and efficiency, and teaching them coding best practices.

Intermediate Full Stack Developer

Cheeky Monkey Media | Kelowna, BC

10/2019 - 02/2020

- ❖ Fixed and launched React audit generator application and React store locator.
- ❖ Implemented redesign and rebuild for PHP JavaScript site.

Full Stack Software Developer

ChatterBlock | Victoria, BC

09/2017 - 08/2019

- ❖ Rebuilt customer dashboard and business listing pages using PostgreSQL, Python, JavaScript, and HTML/CSS.
- ❖ Independently designed and built front-end web application user dashboard.

Teaching Assistant

University of Victoria | Victoria, BC

05/2017 - 08/2017

- ❖ Taught university students data structures, sorting algorithms, proof writing techniques, and time/space complexity.
- ❖ Facilitated one-on-one assistance during scheduled office hours to aid students in comprehending their coding and proof assignments.
- ❖ Assessed students' Java assignments during live code demonstrations, providing real-time feedback and evaluations.

LANGUAGES

Python
JavaScript
React
TypeScript
Node.js
Java
C
PHP
HTML
CSS
GraphQL
PostgreSQL
SQL

TECHNOLOGIES

Git
Jest
AWS Lambda
S3 Bucket
CloudWatch
Gatsby
MongoDB
Google Analytics
Insomnia
Figma

MATH

Linear Algebra
Statistics
Graph Theory
Calculus
Number Theory

EDUCATION

Bachelor of Science

University of Victoria | Victoria, BC

09/2013 - 08/2017

- ❖ Major in Mathematics – Minor in Computer Science