

Mitchell Newell

Calgary, Alberta | 403-612-4000 | <https://mitchell-newell.com> | <https://github.com/Mitchell-F-Newell> | mitchell.newell.dev@gmail.com

Summary

Innovative, creative and self-motivated graduate of Software Engineering with experience in software design/analysis, development and infrastructure. A fast learner with excellent communication and interpersonal skills, strong time management and multi-tasking skills and well-rounded troubleshooting and problem-solving skills. Passionate about the AR/VR, medical and automotive industries.

Education

BSc in Software Engineering | (2015 – April 2020) | University of Calgary

Technical Skills & Abilities

- Experience with JavaScript (Node.js, React, AngularJS, Vue.js), Java, C, C++, Python and PHP programming languages/frameworks
- Experience writing unit tests (Jest and Mocha testing frameworks), Integration tests and Postman Tests
- Experience with Amazon Web Services (S3, SQS, RDS, Lambdas)
- Experience with Docker, Kubernetes and deployment pipelines
- Experience using GitHub, Gitlab and Bitbucket
- Experience with SQL

Technical Work Experience

Trolley | Software Developer, Core Team | August 2022 – Current

- Worked on a development team of two that designed, developed and released Trolley's new Sync product (Invoice ingestion and reconciliation)
- Worked on Trolley's Core team maintaining and developing new features for their Tax and Pay products
- Part of a support engineering rotation cycle
- Update and write unit tests using Mocha testing framework
- Tech stack: TypeScript, Node.js, React, Mocha, PostgreSQL

Reach | Software Developer, Core Team | February 2022 – August 2022

- Integrated embedded PowerBI reports into Reach's merchant facing Admin application
- Complete a UI overhaul on the merchant facing Admin application
- Create and improve Postman automation tests
- Facilitate cross team communication and stake holder meetings
- Tech stack: C++, JavaScript, Vue.js, HTML, PostgreSQL

Helcim | Infrastructure Developer | Core (April 2021 – June 2021) | DevOps (June 2021 – February 2022)

- Build and document Helcim's Kubernetes environment
- Implement ArgoCD into Helcim's Kubernetes environment
- Maintain and improve Helcim's deployment pipelines
- Build and maintain Helcim's development docker environment
- Update, maintain and manage Helcim's database environment
- Implement ProxySQL into Helcim's database setup
- Update Helcim's Encryption and Data Vault services and oversee the Data Vault projects move to Docker
- Tech stack: C, Bash

Helcim | Junior Developer - System Security Focus | June 2020 – Apr 2021

- Maintain, manage and update Helcim's central security "Control" service, Helcim's servers and Helcim's TLS certificates
- Maintain and manage Helcim's crons across all microservices
- Monitor and collaborate in mitigating security events/vulnerabilities (such as DDOS attacks)
- Implement QR Code 2FA into Helcim's web application and equipment order management to Helcim's "Hub" service
- Tech stack: PHP, JavaScript, Vue.js, MySQL, Bash

Software Developer Intern | Arterys inc. | May 2018 - July 2019

- Member of the platform team specializing in backend processes
- Contribute to the development of the Arterys third-party ML Model integration service
- Develop Unit and Integration tests
- Worked on MFA service and Arterys Third Party IDP service
- Bug fixing
- Tech stack: TypeScript, JavaScript, Node.js, AngularJS, Vue.js, MongoDB