

Mitchell Newell

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Summary

Innovative, creative and self-motivated graduate of Software Engineering with over 6 years of 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 writing maintainable, extensible and testable code, continued learning, and debugging/solving problems.

Education

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

Technical Skills & Abilities

- Experience with JavaScript/TypeScript (Node.js, React, AngularJS, Vue.js), Java, C, C++, Python and PHP programming languages/frameworks
- Experience designing and implementing services/solutions (With an emphasis on scalability, visibility and maintainability)
- Experience facilitating team discussions, knowledge transfer sessions, and interviewing/onboarding team members
- 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 Trolley's Core team maintaining and developing new features for all existing Tax and Pay products across multiple repos (Both FE/BE work)
- Lead development on Trolley's Cross River Bank integration and worked on Trolley's Citi bank integration
- Worked on a development team of two that designed, developed and released Trolley's Sync product (Third party invoice ingestion and reconciliation)
- Worked on the development and release of Trolley's EU Tax product (Tax e-file generation, e-delivery to recipients, and government submission)
- Involved with technical interviews, facilitating knowledge transfer sessions and onboarding new team members
- Part of a support engineering rotation cycle and involved with debugging and resolving incidents/bugs
- 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

- Lead development on the UI re-design and PowerBI embedded reports integration into Reach's merchant facing Admin application
- Lead development on migrating Reach's TaaS (Tax as a Service) product to Kafka
- 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)

- Part of a team of two that built and documented Helcim's Kubernetes environment
- Lead the implementation of ArgoCD into Helcim's Kubernetes environment
- Lead the implementation of ProxySQL into Helcim's database setup

- Maintained and improved Helcim's deployment pipelines
- Built and maintained Helcim's development docker environment
- Worked on improving Helcim's Encryption and Data Vault services and lead the Data Vault projects move to Docker
- **Tech stack: C, Bash**

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

- Maintained, managed and update Helcim's central security "Control" service, Helcim's servers and Helcim's TLS certificates
- Maintained and managed Helcim's crons across all microservices
- Monitor and collaborate in mitigating security events/vulnerabilities (such as DDOS attacks)
- Lead development on QR Code 2FA implementation into Helcim's web application
- Worked on implementing 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
- Contributed to the development of the Arterys third-party ML Model integration service, MFA service and Arterys Third Party IDP service
- Developed Unit and Integration tests
- Bug fixing
- **Tech stack: TypeScript, JavaScript, Node.js, AngularJS, Vue.js, MongoDB**