

Kimberley Baldwin, M.Eng

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Master of Software Engineering (4.0 GPA)

University of Calgary
Graduated April 2023

Bachelor of Science in Environmental Engineering (Great Distinction)

University of Saskatchewan
Graduated May 2020

KEY SKILLS

React / React Native / NodeJS

.Net (C#, Blazor)

SCRUM / Agile Methodologies

Docker

Microservices Architecture

Python

SQL

INTERESTS

Competitive and recreational sports (volleyball and squash); camping and hiking; travelling; snowboarding

WORK EXPERIENCE

Full Stack Developer

[Aerium Analytics](#)

March 2023 - Present

Participated as a team member for the development team following SCRUM methodologies; designed and built user friendly interfaces for web and mobile using Blazor and React Native; completed code reviews for C# and Python; used NServiceBus event architecture to build reliable microservices systems; wrote integration code to move images efficiently through machine learning and computer vision; mentored junior developers on code best practices; worked with the operations team to develop efficient data pipelines; wrote SQL queries to interact with and manage product databases; acted as the development team's representative at product and sales meetings to create user stories and define product features.

Technologies: [.Net](#), [Python](#), [Docker](#), [NServiceBus](#), [React/React Native](#)

Full Stack Developer, Casual

[TrailCollectiv](#)

February 2023 - August 2023

Participated as a team member on a development contract to rebuild and transfer mobile application previously built in CodeNameOne to React Native; managed contract details including milestone delivery dates and founder updates; designed updated UI/UX templates where necessary; implemented best practices for mobile app authorization and authentication; designed unit tests using React Testing Library and Jest.

Technologies: [React Native](#), [NodeJS](#), [Amazon Web Services](#)

Cofounder

[PayTrail Solutions](#)

November 2020 - September 2022

Cofounded a mobile application that can upload, transfer, store and organize receipt data for consumers; pitched for the OKGN Angel Summit, Cultivator START accelerator and League of Innovators accelerator; built, designed, and maintained product website; managed feature testing and releases; wrote SQL queries to pull receipt data; tracked KPIs for app performance; completed customer discovery for new product features.

Technologies: [React Native](#), [NodeJS](#), [Amazon Web Services](#), [PostgreSQL](#)

Infrastructure Engineer

[Water Security Agency](#)

June 2020 - May 2022

Participated as team member for Infrastructure Management and Infrastructure Planning Division; acted as lead project manager for various construction projects with capital budget ranging from \$.5 million to \$11 million per project; assisted in development, roll out and management of new budget reporting tool for all capital projects; developed Power BI dashboards to track project progress and ongoing alignment between projects and company goals.

Digital Engineering Intern

[Crescent Point Energy](#)

May 2018 - August 2019

Organized and facilitated intern mentorship program; managed company wide drilling inventory software; planned and led drilling inventory software and Power BI tutorials for various employees; performed and assisted in asset evaluations valued at \$500 million; designed and published company wide Power BI dashboards; tracked team's annual capital expenses, operational expenses and production forecasting on a weekly basis.

Technologies: [PowerBI](#), [DAX](#), [SQL](#)