

Kimberley Baldwin, M.Eng

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Master of Software Engineering (4.0 GPA)

University of Calgary
Graduated May 2023

Bachelor of Science in Environmental Engineering (Great Distinction)

University of Saskatchewan
Graduated May 2020

KEY SKILLS

React / NodeJS
.Net (C#, Blazor)
SCRUM / Agile Methodologies
Docker
SQL
Product Management

INTERESTS

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

WORK EXPERIENCE

Aerium Analytics

February 2023 - Present

Technical Lead, Permanent

August 2024 - Present

Spearheaded the development of a flight tracking progressive web application from initial design to deployment; collaborated closely with stakeholders to prioritize and refine product deliverables; maintained detailed architectural documentation; managed project budget, timelines, and software strategy; managed feature releases; lead user testing and feedback sessions with active users

Technologies: [React](#), [Typescript](#), [Docker](#), [Prisma](#), [PostgreSQL](#)

Full Stack Developer, Permanent

February 2023 - August 2024

Participated as a team member for the development team; followed SCRUM and Agile methodologies; designed and built user friendly interfaces for web using React and Typescript; used NServiceBus event architecture to build reliable microservices systems; wrote integration code in C# to move images and data efficiently through machine learning and computer vision; wrote unit tests using Jest and xUnit; wrote SQL queries to interact with and manage product databases.

Technologies: [.Net](#), [React](#), [Typescript](#), [Docker](#), [NServiceBus](#), [MySQL](#)

Independent Contracting, Freelance

GoodToShow

March 2024 - Present

Designed, developed, deployed and maintained an SMS communication based real estate web application; lead the prioritization and development of new features; assisted with customer service for the ~2500 active users

Technologies: [React](#), [Typescript](#), [TRPC](#), [Prisma](#), [Twilio](#), [Stripe](#)

TrailCollectiv

May 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.

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

Full Stack Developer, Internship

Autofi

January 2023 - May 2023

Focused on designing and developing a tool for Autofi to use for feature flag management; built internal APIs and integrated with LaunchDarkly's 3rd party APIs; followed SCRUM methodologies to successfully deliver project within the 4-month internship; completed unit testing using Jest.

Technologies: [React](#), [Typescript](#), [Jest](#)

Cofounder, Casual

PayTrail Solutions

November 2020 - September 2022

Cofounded a mobile application that can upload, transfer, store and organize receipt data for consumers; built, designed, and maintained product website; managed feature testing and releases; tracked KPIs for app performance; completed customer discovery for new product features.

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

Digital Solutions Intern, Internship

Veren

May 2018 - August 2019

Organized and facilitated intern mentorship program; managed company wide drilling inventory database; 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.