Ross Alexandra

Creating software people want to use

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Portfolio: https://rossalexandra.com/
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Experience

Full Stack Engineer — September 2021 – April 2023 (1.75 Years)
Battlefy — *Remote*

- Developed 9 white-labeled web experiences for B2B clients, both individually and as part of a team, with a focus on UI/UX and technical design.
- Contributed to the growth and improvement of the core platform with user-centered features and improvements, leveraging extensive domain knowledge, resulting in a noticeable boost in core metrics.
- Demonstrated strong leadership skills by taking on team lead responsibilities such as conducting retrospectives, creating prototypes, providing technical design guidance, mentoring team members, and overseeing sprint ticket progress.

Jr. Java Developer (Extended Co-op) — January 2020 – December 2020 (1 Year)
Tutela — *Remote*

- Partnered with the CTO to develop an automated BigQuery pipeline that streamlined the collection and visualization of crucial business data, leading to the identification of a major bug in a key product.
- Collaborated with a senior data scientist to identify meaningful patterns in collected data, resulting in the development of a tool that monitored compliance with legal requirements for companies.

University Co-ops (spanning 1.5 years)

Various Companies — *Kelowna & Victoria, BC*

- **Audette** | Collaborated as a full-stack developer on the creation of a web application that visualizes energy consumption data collected from Raspberry Pi-based systems, aimed at enhancing building energy efficiency.

- **Bambora** | Helped develop a greenfield payment processing system which made specific cross-border transactions possible by creating a RESTful API that generated and parsed comprehensive datagrams in accordance with a rigorous third-party specification.

- **University of Victoria – Civil Engineering Department** | Created an application that analyzed over 20 years of weather data, sourced from an archival SQL database, to generate in-depth insights and visualizations of the micro-climate trends in Victoria, BC. These findings were subsequently utilized to publish a scholarly paper.

- **Cradlepoint** | Worked with a machine learning expert to create a neural network that accurately assessed the operational status of the core platform by analyzing logs, resulting in a significant decrease in manual log analysis time for QA engineers.

Independent Ventures

StratbookGG – https://stratbook.gg — June 2020 – August 2022 (2 Years)

- Developed a web application aimed at facilitating the creation of custom strategies employed by professional teams in Rainbow Six: Siege.
- Implemented a custom SVG-based drawing interface to facilitate the creation and export of strategies.
- Utilizes stenography to enable the import and modification of strategies from existing images.
- Conducted surveys, UX testing, and direct engagement with professional teams, leading to a user base of approximately 40 active users per month.

Education

Bachelor of Software Engineering — September 2016 – August 2021
University of Victoria, BC, Canada — *CGPA: 6.50 / 9.0 (B+ to A-)*