

Ross Alexandra

Creating software people want to use

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Portfolio: <https://rossalexandra.com/>
[GitHub/Ross-Alexandra](https://github.com/Ross-Alexandra)

Experience

Full Stack Engineer

September 2021 – April 2023 (1.75 Years)

Battlefy (Esport Platform)

Remote

- Developed 9 white-labeled web experiences for B2B clients (such as NHL, Premier League, and Zotac). On these projects I worked both individually and as part of a team, with a primary focus on end-user usability.
- Contributed to the growth of the core platform by creating VALORANT-specific features, leveraging extensive domain knowledge. These features resulted in an increased conversion rate onto the platform, ultimately adding towards our player base.
- Collaborated with a team of designers to create an internal design system. This project is projected to drastically reduce development time of both white-labelled, and core products.
- Demonstrated strong leadership skills by taking on team lead responsibilities such as conducting retrospectives, creating prototypes, performing technical design, mentoring team members, and overseeing sprint ticket progress.
- Technologies: Angular 1.4, React (functional, TypeScript & JavaScript), NodeJS (TypeScript & JavaScript), Express, MongoDB, PostgreSQL, Storybook, content management systems, design systems, AWS, Firebase (Firestore, RTDB)

Jr. Java Developer (Extended Co-op)

January 2020 – December 2020 (1 Year)

Tutela (Cellular Data Collection)

Remote

- Partnered with the CTO to develop an automated BigQuery pipeline that streamlined the collection and visualization of crucial business data in order to assess data integrity. This led to the identification of a major bug in our SDK which when resolved increased data accuracy significantly.
- Worked alongside senior data scientists to identify meaningful patterns in our collection of cellular data. This resulted in the creation of a tool which allowed third-party companies to monitor their legal compliance with regard to cellular phone coverage on a nationwide scale.
- Technologies: Java, BigQuery, Python, Matplotlib, Java Data Streams

University Co-ops (spanning 1.5 years)

Various Companies

Kelowna & Victoria, BC

- **Audette** | Technologies: React (JavaScript, Object-oriented), Django (Python), Puppet, GCP, bare-metal provisioning.
- **Bambora** | Technologies: Django (Python), Locust, Websockets, PostgreSQL.
- **University of Victoria – Civil Engineering** | Technologies: Python, PyGAD, MySQL, Matplotlib, MATLAB
- **Cradlepoint** | Technologies: Python, Pytorch, custom genetic neural network library.

Independent Ventures

StratbookGG – <https://stratbook.gg>

June 2020 – August 2022 (2 Years)

- Developed a web app which facilitates the creation & sharing of strategies for 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.
- Technologies: React (functional, JavaScript), SVG API, Canvas API, Stenography, Firebase, Jenkins CI/CD.

Education

Bachelor of Software Engineering

September 2016 – August 2021

University of Victoria, BC, Canada

CGPA: 6.50 / 9.0 (B+ to A-)