

Jasmine Sun

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 [/jasminejsun](https://www.linkedin.com/in/jasminejsun)

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SKILLS

Languages: Javascript/Typescript, Java, Python, C++, C#, HTML, Kotlin, SQL

Framework/Libraries: React, Angular, .NET, JUnit, Bootstrap, Espresso, Appium

Tools: New Relic, Sumologic, AWS, Git, SVN, Jira, Jenkins, Google Cloud Platform, MySQL, Android SDK, Adobe Photoshop

EXPERIENCE

Xero • Software Engineering Intern

May 2022 – August 2022

- Engineered and launched **4** bank statement data extractors in **C# .NET** to enable **3 million+** users to convert TD, RBC, Chase, and Wells Fargo US PDFs to CSV with one click.
- Supported the product's beta by leveraging OCR and refactoring **1k+** lines of extractor logic to increase success by **60%** in 3 days.
- Developed **40+** unit and integration tests to deploy through CI/CD to ensure 100% test coverage.

Rich Media • Web and Mobile Developer

September 2021 – December 2021

- Debugged **100+** critical bugs using **Javascript** and **Angular** that affected **10,000+** users.
- Headed development of features in **Javascript/Typescript** and **Angular** to automate financial calculations and make them responsive and accessible.
- Refactored component libraries in **Javascript** to improve screen reading capabilities across all Rich Media applications; increased productivity by **15%**.
- Integrated **JUnit** testing and input validation checks to improve test coverage by more than **40%** in under 48 hours.

Ritual • Test Automation Engineer

January 2021 – April 2021

- Implemented **50%** of Android automated test cases in **Kotlin**, **Appium**, and **Espresso** for the build sanity suite.
- Created TestRail test plans and reviewed them with key stakeholders; enhanced test coverage that caught **150+** bugs and ensured proper test coverage.
- Led QA efforts for user-facing projects, and tested server endpoints using **BigQuery** and **MySQL**; impacted over **1 million** users.

PROJECTS

Themeify

 [/themeify](https://github.com/jasminejsun/themeify)

- Built a web application allowing users to search from the **70 million** songs from the Spotify API and play them with lyrics on-screen.
- Utilized **React** hooks for state management of search results and songs, and **Bootstrap** to customize the UI.
- Created HTTP requests for token-based authentication, and displayed relevant **JSON** data using **Axios**.

Pokédex

 [/pokedex](https://github.com/jasminejsun/pokedex)

- Developed a web application using the **REST** PokéAPI to streamline aggregating Pokémon information, allowing users to search for and interact with their Pokémon game data.
- Implemented front-end using **React** for state management of Pokémon data and pagination.
- Leveraged PokéAPI using **Axios** to gather Pokémon data and manage async web queries.

EDUCATION

University of Waterloo • Systems Design Engineering (BASc)

2020 – 2025

Relevant courses: Data Structures and Algorithms (**C++**), Digital Computation (**C++**)