

# JULKAR REEDOY

506-625-4737 | gunmack.dev | julkar\_reedoy@sfu.ca | github.com/gunmack | linkedin.com/in/jreedoy/

## Skills

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Languages: *C, C++, Python, Java, JavaScript, SQL, HTML, CSS*

Tools: *React, Next.js, Flask, Spring Boot, PostgreSQL, Google Cloud Platform, Docker*

## Projects

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### QuizLing

November 2024

- Integrated Google Account authentication to provide seamless user login through Google Firebase Authentication.
- Developed an Achievements feature allowing users to monitor their in-app progress with real-time updates powered by Google Firebase Realtime Database.
- Optimized application development workflows to meet deadlines and ensure quality control by enhancing the development environment and streamlining the CI/CD pipeline.
- Designed and implemented a Translate feature enabling users to translate text to their desired language by utilizing the Google Cloud Translation API.

### Calculator Web Application

August 2024

- Built a calculator web application for performing basic mathematical operations using the Flask framework.
- Designed an intuitive user interface to enable seamless user interaction with HTML, CSS, and JavaScript.
- Optimized input parsing and tokenization for efficient processing of mathematical expressions using regular expressions (regex).
- Implemented key features such as input clearing to enhance user control through JavaScript functions.

### SFU Campus Timeline

Spring 2023

- Built a structured directory of HTML pages to organize buildings by campuses and opening dates, leveraging the Bootstrap CSS framework.
- Integrated interactive maps to display approximate building locations using the Leaflet Maps Library.
- Created dynamic slideshows to showcase campus building images utilizing Bootstrap components.
- Implemented a sticky navigation bar to enhance usability and streamline site navigation.

## Open Source

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### CSSS-Site-New

August 2024

- Developed a dedicated page for the CSSS common rooms to showcase images and other information using React.js.
- Created an interactive page to display detailed information about all CSSS committees using React.js.
- Integrated new database tables for storing blog entries and poster information into the existing schema using SQLAlchemy, as well as executing seamless migrations with Alembic scripts.

## Work Experience

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### Concession Attendant/Grill Cook @ Pacific National Exhibition

May 2023 - Present

- Managed POS systems, coordinated with kitchen staff to expedite orders, ensuring exceptional service.

### Produce Clerk @ Loblaws

December 2022 - March 2024; 2019 – 2021

- Maintained produce department to standard, ensuring stock freshness and providing exceptional customer assistance.

## Education

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### Simon Fraser University

September 2021 - Present

- Bachelor of Science in Computing Science