

# JULKAR REEDOY

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## Skills

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

Frameworks: *React, Tailwind, Flask, Bootstrap, Spring boot*

Tools: *Git, Linux, JIRA, Microsoft Office*

## Projects

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### QuizLing

November 2024

- Optimized development of the application to ensure deadlines were met by streamlining the development environment and the CI/CD pipeline
- Developed a Translate feature allowing users to translate text to their desired language by utilizing the Google Cloud Translation API.
- Integrated a Google Account authentication flow to let users log in to the app using Google Firebase's Authentication service.
- Implemented an Achievements feature for users to track their in-app progress with the use of Google Firebase's Realtime Database.

### Calculator web application

August 2024

- Built a functional calculator web application letting users perform simple operations using the Flask framework.
- Developed a dynamic user interface to allow seamless interaction between the user and the application with the help of HTML, CSS and JavaScript.
- Optimized input parsing and tokenizing, enabling the program to efficiently process mathematical expressions utilizing regex functions.
- Implemented essential functionalities like input clearing to allow users more control and freedom using JavaScript functions.

### SFU Campus Timeline

Spring 2023

- Designed a landing page to present background information about the SFU campuses with Next.js and Tailwind CSS.
- Developed a comprehensive directory of HTML pages to categorize buildings with their respective campuses and opening dates using the Bootstrap CSS framework.
- Integrated interactive maps to display approximate building locations using the Leaflet Maps Library.
- Created interactive slideshows to display images of the campus buildings with Bootstrap components.
- Implemented a sticky navigation bar to simplify site navigation using Custom CSS.

## Contributions

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### csss-site-frontend

August 2024

- Developed a dedicated page for the CSSS common rooms to display images and other information using React.js.
- Implemented a CSSS committees page to display information about all CSSS committees using React.js.
- Integrated the page into the existing directory of pages to ensure seamless navigation and functionality of the broader website.

### csss-site-backend

August 2024

- Integrated new database tables into existing database to store Blog entries and relevant poster information using SQLAlchemy.
- Performed database migration to integrate new tables into the database using Alembic scripts.

## Work Experience

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### Concession Attendant

May 2023 - Present

Playland at PNE, Vancouver, British Columbia

- Operated POS system with precision and accuracy to facilitate seamless customer transaction experiences.
- Maintained open lines of communication with kitchen staff to relay customer orders ensuring timely preparation and delivery.
- Effectively multitasked to complete both front-end customer and back-end operations as required to fulfill orders.

## Education

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Simon Fraser University

September 2021 - Present

- Bachelor of Science in Computing Science