

JULKAR REEDOY

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Skills

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

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

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

Projects

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

- **Designed and developed a landing page** showcasing background information about the SFU campuses using Next.js and Tailwind CSS.
- **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.

Contributions

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

Concession Attendant/Grill Cook @ Pacific National Exhibition

May 2023 - Present

- Managed POS systems, coordinated with kitchen staff to expedite orders, while also balancing front-end and back-end responsibilities to deliver exceptional service and ensure efficient operations.

Produce Clerk @ Real Canadian Superstore, Atlantic Superstore

December 2022 - March 2024; 2019 – 2021

- Maintained the produce department to standard, ensuring stock freshness through efficient unloading and rotation, while providing friendly, knowledgeable customer assistance.

Education

Simon Fraser University

September 2021 - Present

- Bachelor of Science in Computing Science