

# Shallon Kobusinge

• USA, CA • skobusin@caltech.edu • +1 (626) 704-9555 • [LinkedIn](#)

## EDUCATION

### California Institute Of Technology (Caltech)

*Bachelor's of Computer Science (3.8/4.0)*

Pasadena, California

Degree expected 2027

### Rwanda Coding Academy (RCA)

*Diploma in Software Development, Embedded Systems, and Cyber Security*

Nyabihu, Rwanda

February 2019 - August 2023

## SKILLS

**Frontend**(HTML/CSS3 (Tailwind), Flutter and Dart, Javascript (React) **Backend** (TypeScript, Node, Python, Java (Springboot), RESTful APIs, C++ ) **Database** (SQL/MySQL, MongoDB) **Tools** (Postman, Git (Gitlab, Github))

## EXPERIENCE

### California Institute Of Technology (Caltech)

*Webmaster, The California Tech (The tech)*

Pasadena, California

November 2023 - Present

- Update The tech's article website with new issue stories to be delivered to online audience using Hugo, Mainroad theme, and **Javascript**.
- Improve and customise website interface layouts like navigation, cards, titles, and article section tabs using **HTML** and **CSS** to increase campus readership through enhanced graphics.

### Centrika Limited

*Full Stack Web Developer*

Kigali, Rwanda

November 2021 - August 2023

- Developed TiCQet, a cross-platform application used at international events to sell over **7000** tickets at the largest indoor arena in East Africa using **Flutter**, **Express**, and **Firestore**. This application improved revenue, enabled payment installments, and offered a convenient promo code feature to clients.
- Implemented microservices for SafariBus applications that were used by **8** transport agencies that serve over **700** people a day in Rwanda to manage transport ticket purchases and monitor daily transactions using **Java** (Spring Boot) Restful APIs. This application enhanced efficiency and organisation within the transportation sector.

### Wastezon Limited

*Frontend-Developer Intern*

Kigali, Rwanda

November 2022 - March 2023

- Implemented dynamic user-friendly dashboards reports, various UI components like buttons and dynamic elements to enhance user engagements and streamline navigation.
- Integrated **Express Restful APIs** implemented a secure authentication and registration process for manufacturers and recyclers in Africa to offer traceability and tracking infrastructure for efficient material returnability.

### Rwanda Tvet Board

*Team Lead / Frontend-Developer Intern*

Kigali, Rwanda

July 2021 - May 2022

- **Led** a team of 8 to develop a software project to manage government employees' performance, promotion, payroll, recruitment, and budget. The application had over **1000 users**, converting paper-based methods into digital.
- Developed recruitment, and user management services using **React**

## PRESENTATIONS

*Secretary, Caltech BLAST - Building Latino and African-American Success in Tech*

Pasadena, California

- Maintain contact between the board and regular members of the club.

May 2024 - Present

*Invited Speaker, World Economic Forum Annual Meeting*

Davos, Switzerland

- Virtual panel on increasing women's participation in technology. [Link](#).

May 2022