

# Keshavaa Shaiskandan

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## SKILLS

### LANGUAGES

HTML • CSS • JavaScript  
C • C# • Python • SQL  
GraphQL • Java • Dart

### TECHNOLOGIES

React • Gatsby • Vue  
Flutter • Express • Node  
Firebase • MongoDB • SQLite  
Redux • Material-UI • MySQL  
Django REST

### TOOLS

Jira • Git • Postman  
Trello • Swagger

### METHODS

Agile Development  
Object Orientated Programming  
Functional Programming  
Unit Testing  
Shell Scripting

## EDUCATION

### UNIVERSITY OF TORONTO

Bachelor's in Computer Science,  
Specialist in Software Engineering  
Sep 2019 - May 2023

## COURSEWORK

Introduction to CS | & ||  
Introduction to Calculus | & ||  
Discrete Math  
Software Design  
Software Tools and Systems

## EXPERIENCE

### BACKEND DEVELOPER | RBC

SEPT 2020 - PRESENT

- Building a data API for distributing testing data for **1000+** developers that is hit **1,000,000+** times per year with **ReactJS** and **ExpressJS**.
- Implemented **Jenkins** batch functions to update **MongoDB** instances with **1000+** test client's information.
- Building out backend and frontend for **single click client card creation** tool for test business accounts.

### FRONTEND DEVELOPER | VALIDUS RESEARCH

JUNE 2018 - SEPT 2018

- Built and maintained company's intranet **frontend** for **100+** network administrators to access company resources.
- Designed layout and built user interface using **VueJS**

## PROJECTS

### JAVA SHELL

JUNE 2020 - AUG 2020

- Built a mock shell to support various shell commands with **object-orientated** programming and the **builder, decorator and dependency injection** design patterns.
- Implemented **custom data structure** to act as file system and support all **directory shell commands**.
- Tech Stack: **Java & JUnit**

### HYRED

FEB 2020 - APR 2020

- Built a mobile app for Canadian immigrants to find employment and Canadian employers to post job listings.
- Built out **UI components** and **job application** feature.
- Tech Stack: **Flutter & Firebase**

### STORIES OF CANADIAN IMMIGRANTS

DEC 2019 - APR 2020

- Built a blog with a **CMS** and **function search with filters** to portray the stories of Canadian Immigrants.
- Built for Professor Azhar of Seneca College to easily post and update stories with **continuous deployment**
- Tech Stack: **GatsbyJS, Contentful CMS & Algolia**

### HOMESPLIT

JUNE 2019 - AUG 2019

- A web application for roommates to log costs to provide a breakdown of how much money each person owed to the other.
- Tech Stack: **ReactJS & Firebase**

## ACHIEVEMENTS

- **Dean's list** in the **2019 - 2020** academic year.
- **1st Place** in the **2020 UTSC Impact Project competition** to build a blog with a CMS to portray the stories of Canadian Immigrants.
- **1st Place** in the **2019 UofT Seek competition** to build an **arduino** soccer bot.
- **Distinction** in the Canadian Computing Competition in **2018 & 2019**.