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 testing data distribution API for **1000+** developers that is used **1,000,000+** times per year with **ReactJS** and **ExpressJS**.
- Implemented **Jenkins** batch functions to update **MongoDB** instances with **1000+** test client's information.
- Streamlined test data requests for developers to manage and generate data on the fly. Centralized data generation with API, **reducing testing lifecycle from months to minutes**

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**.