# Keshavaa Shaiskandan

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## Experience

**Fellow,** Major League Hacking                                                           02/2021 – present
- Created CLI tool for developers to build fullstack web applications with **React** and **Django** with over **200+ downloads**
- Developed a forum for Indie game developers to share projects with **ReactJS** and **Firebase**
- Built an OAuth service to manage employee's access to 3rd party apps with **MongoDB, ReactJS and access tokens**
- Selected as **one of the 180 fellows** from **30k+** applicants

**Backend Developer,** Royal Bank of Canada                                               09/2020 – Present
- Built a testing data distribution API for **1000+** developers used **1,000,000+** times per year with **ReactJS** and **ExpressJS**
- Automated **Jenkins** batch functions to update **MongoDB** instances with **1000+** test client's information
- **Reduced** testing lifecycle from **weeks to seconds** by Implementing instant and **centralized data generation** with API
- Redesigned business account creation tool and developed single click tool in API that decreased business account and profile creation time by **99%**

**Frontend Developer,** Validus Research                                                   06/2018 – 09/2018
- Maintained and improved company's intranet frontend for **100+** network administrators with **VueJS**
- Migrated static web pages to dynamic pages and components to improve build time by **25%**
- Designed layout and built user interface and improved user interaction and retention by **50%**
- Overhauled frontend to utilize **reusable components** and formalized data flow with **Redux**

## Projects

### Deck ⌸

Developed an **OAuth service** for employers to manage employee access to 3rd party services like **Figma, AWS & etc.**
**1st Place** at Ethical Data MLH Hackathon
**Tech Stack: ReactJS, ExpressJS, MongoDB**

### Front to Back Generator ⌸

Designed a CLI tool that allows users to generate an extendable boilerplate template fullstack application with database, authentication and deployment options as well.
Available on NPM and current at over **200+ downloads!**
**1st Place** at Developer Tools MLH Hackathon
**Tech Stack: Node JS, React JS, Django, Express JS, MySQL, MongoDB, Docker**

### Onboarding Bot ⌸

Developed a slack bot for the developers at RBC to request access to developer resources and groups, soon to be utilized by **100+** developer teams at RBC
Won **3rd** Place at the **RBC Innovation Challenge**
**Tech Stack: Slack API & Flask**

### Hyred ⌸

Created a mobile app for Canadian immigrants to find employment and Canadian employers to post job listings.
Different UI based on user type making it easy for both job seekers to apply and find jobs and employers to post and view job applications
**Tech Stack: Flutter and Firebase**

### Stories of Canadian Immigrants ⌸

Collaborated with Seneca College to create a blog with functional search filters and email subscription to show the stories of 100+ Canadian Immigrants
**Tech Stack: GatsbyJS, Contentful CMS & Algolia**

## Skills

**Languages**: HTML, CSS, JavaScript, Python, Go, C, Java, Dart
**Technologies**: ReactJS, ExpressJS, NodeJS, Django, Flask, Flutter, Docker, Firebase, MongoDB, SQLite, GraphQL, MySQL
**Tools**: Git, Jira, Postman, Swagger
**Methods**: Agile Development, Object Orientated Programming, Containerization, REST APIs, Unit Testing, Shell Scripting, Design Patterns, Continuous Integration

## Education

**University of Toronto,**                                                                 09/2019 – Expected 04/2023
Computer Science, Software Engineering Specialist
**Deans List**, 2019 - 2020
**Teaching Assistant**, CSCA48 Introduction To Computer Science ||