Prannoy Lal

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SKILLS

Programming Languages: TypeScript, JavaScript (ES6), Python, C++, C, HTML / CSS, SQL, Bash

Tools and Frameworks: Vue, React, Redux, Node.js, Express, Koa, PostgreSQL, MongoDB, RabbitMQ, Unix, Jest, Google Cloud Platform, Alexa Skills Kit

EXPERIENCE

Software Engineer - Clearbanc (LinkedIn's #1 Canadian Startup), Toronto, ON   **Jan. 2020 - Apr. 2020**

- Designed software architecture and scoped technical tickets to add new international functionality for Clearbanc's core product, increasing potential customers by 20%
- Implemented all scoped tickets with several front-end & back-end changes using Vue, Koa, RabbitMQ, GCP, PostgreSQL & Jest for testing
- Built a new RabbitMQ data import process using the Salt Edge REST API to enable collection of banking data for clients in 5+ countries
- Created fully-customizable Vue components for new partnership landing page, resulting in 75+ new users
- Fixed critical issue with a Google Playstore integration that enabled successful re-import of 100K+ transactions

Innovation Web Application Developer - Sun Life Financial, Toronto, ON   **May 2019 - Aug. 2020**

- Created a push-to-call prototype for Sun Life GRS/GB websites using React and Twilio REST API to reduce call-centre authentication times by 50%
- Implemented a download prompt notification for the Sun Life iOS application using Swift 5, increasing user conversion rate by 30%
- Developer a claim status push notification prototype for Sun Life Alexa Skill users using Alexa Skills Kit
- Built 5 wireframes and prototypes with Marvel and Adobe XD utilizing the design-thinking process

PROJECTS

United Way Grant Decision Platform (UW Blueprint) - API / Web Client   **Sept. 2020**

- Developer on a student run organization providing technical solutions for NPOs. Building a decision platform for United Way (Waterloo) to review 200+ applications to allocate $2M in funding. Built using MERN stack and Firebase for authentication.

SN8KRS - API / Web Client   **Aug. 2020**

- P2P shoe trading web application that allows users to match with sellers, send messages and upload photos. Built using MERN stack.

WeHack - Web Client / SMS Application   **Jun. 2019**

- Social networking hackathon web application allowing users to create cross-functional teams based on skills and receive SMS push notifications. Built with React, Django & Twilio Rest API.

EDUCATION

University of Waterloo - Bachelor of Computer Science, Minor in Entrepreneurship   **Class of 2023 (Expected)**

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems
- Awards: President's Scholarship of Distinction with 98.1% entrance average