

Prannoy Lal

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SKILLS

Programming Languages: Typescript, Javascript / ES6, Python, C++, C, HTML / CSS, SQL, Bash

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

EXPERIENCE

Project Developer - UW Blueprint, Waterloo, ON

Sep. 2020 - Present

- Developer on a student run team providing technical solutions for NPOs. Building a decision platform for United Way (Waterloo) to review 200+ applications to allocate \$2M in funding.

Software Engineer - Clearbanc, Toronto, ON

Jan. 2020 - Apr. 2020

- Spearheaded epic to add functionality for Clearbanc's core product in a new international location. Designed software architecture, scoped technical tickets, developed numerous frontend and backend changes and wrote unit/integration tests with Jest.
- Built landing page, incorporated Google Analytics tracking and coordinated with cross-functional teams to rapidly create a MVP for a COVID-19 focused product.
- Developed a new RabbitMQ data import process using Saltedge REST API to enable collection of banking data for international clients in 5+ countries.
- Created fully-customizable Vue.js components for Clearbanc's partnership with Plastiq. Added Google Analytics to track conversion statistics.
- 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.js and Twilio API to reduce call-centre authentication times by 50%.
- Implemented a new prompt notification for mobile applications to increase user conversion rate by 30%. Built with Swift 5 and XCode.
- Created a claim status push notification prototype for Sun Life Alexa Skill users using Alexa Skills Kit.
- Created 5 wireframes and prototypes with design-thinking principles using Marvel and Adobe XD.

PROJECTS

Employmint (1st Place at AlphaHacks I by Wealthsimple): Job networking Android application targeted towards teenagers aged 14-18. Built with Java & Indeed Jobs API.

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

SN8KRS: P2P shoe trading web application that allows users to match with sellers and send messages. Built with MERN stack.

EDUCATION

University of Waterloo - Bachelor of Computer Science, Minor in Entrepreneurship

Sep. 2018 - Apr. 2023

- Relevant Coursework: Algorithms, Operating Systems, Data Structures, Object-Oriented Programming