

ANAND ISSAC

Engineering Student at the University of Waterloo

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EXPERIENCE

Product Manager | bld.ai

Jan 2022 – May 2022

- Designed a proposal for new client Realtime which identified needs of the client and proposed solutions that bld.ai could deliver; created cost structure for project budget of **\$40,000**

Product Manager | theScore – Promotions Team

July 2021 – Aug 2021

- Architected a product spec for bonus cash management feature for theScore Bet app to allow **4 million daily active users** to manage their bonus cash award programs
- Scoped ability for admin to edit live promotions without causing side-effects to user-experience in close collaboration with design, marketing, and product teams

Software Engineer | theScore – Promotions Team

May 2021 – June 2021

- Developed a back-office web app for Marketing team to be able to create and manage new promotions for theScore with **4 million monthly active users** using Elixir

Software Developer | RBC – Insurance IT Team

Sept 2020 – Dec 2020

- Developed new virus scan API implementation using Spring which scans documents uploaded for malicious content on the online insurance platform visited by **over 30,000 active users**
- Developed file download API, added notification tables and services to handle CRUD operations and developed a new notification banner on dashboard which is visited **over 120,000 times** per quarter

Software Developer | BlackBerry QNX – Audio Team

Jan 2020 – Apr 2020

- Developed 7 Python scripts for core audio features such as channel mapping, priority ducking and volume ramping – **saves \$4900 and ~90 hours** of work per year

Software Engineer | Ontario Public Service

May 2019 – Aug 2019

- Built Python framework to automate file validation process of over **300,000 records** in less than **8 seconds** which **saves 5 days** and **\$4500** in the two-month build cycle
- Developed Java cheque-printing utility for internal use which eliminates reliance on third party software that costs the organization around **\$30,000 per year**

CO-CURRICULARS

Product Manager | UW Blueprint – The Pregnancy Centre

May 2021 – August 2021

- Conducted 10+ user interviews to determine user requirements, discuss product roadmap, and examine usability of product in an iterative manner
- Spearheaded design reviews to create essential features such as donor-client request matching, request management, and user authentication affecting over **700 donors per year**
- Developed request group page for admin of TPC to view and edit **4200+ donation requests**; provided functionality to edit, delete, or fulfill requests with React, Node, MongoDB, Firebase, GraphQL

EDUCATION

University of Waterloo | Bachelor of Applied Science, Management Engineering with an Option in Computing

2018 – 2023

- Courses: Algorithms and Data Structures, Databases and Software Design, Systems Programming and Concurrency, Intro to Machine Learning, Human Computer Interaction
- Cumulative Average: **86.24/100** (GPA: 3.7/4.0)