ANAND ISSAC

Engineering Student at the University of Waterloo
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EXPERIENCE

Incoming Product Manager | bld.ai
Jan 2022 – May 2022

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 new promotions for theScore with 4 million monthly active users using Elixir
- Created interface using Phoenix Live View for Marketing team to view ~50 promotions and analyze details of each promotion; enabled functionality for them to manage their order and priority shown in theScore Bet app

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
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)