AMAN PURANIK

amanpuranik.com | avpurani@uwaterloo.ca | 647 784 3452 | github.com/amanpuranik

Languages: TypeScript, JavaScript, Ruby, Python, Kotlin, Java, SQL, R, HTML/CSS

Frameworks/Technologies: React, React Native, Angular, Node.JS, Spring, Ruby on Rails, Marionette.js, Backbone.js

Work Experience

IBM - Full Stack Developer   Aug 2023 - Present, Toronto, ON

- Enhanced internal HTTP request library using **Javascript** to support proxy environment variables, resolving multiple customer issues and improving networking efficiency
- Used **React** develop and deploy large UI feature used by **1000s** of users that facilitated seamless user interaction with machine learning models and assets upon platform entry
- Became co-owner for **JSON schema** service vital to enabling cross-functional assets and features across multiple teams
- Developed and implemented **Node.js** endpoints to efficiently retrieve folder assets, enhancing frontend capabilities for seamless asset retrieval
- Implemented onboarding tour guides for the platform using **JavaScript** and the WalkMe library, enhancing user navigation and understanding of platform features.

Pixlee Turnto – Full Stack Engineer   Jan 2022 - Aug 2022; San Francisco, CA

- Used **React** to implement Drag and Drop API and build a clean UI, allowing brands to upload campaign attachments when creating new campaigns on the Pixlee platform
- Developed permission uploader UI using **Backbone** allowing **1000s** of users to upload permissions for the use of user generated content
- Created a GDPR-compliant deletion process for our creators platform utilizing Ruby on Rails
- Used **Rails** to build backend for new feature that implements a loyalty program within our platform, winning second place at company hackathon

Bank of Montreal – Software Developer   May 2021 - Aug 2021; Toronto, ON

- Developed numerous interconnected components with **Angular** and **TypeScript**, utilising **NgRx** Store to maintain state between components
- Used **Jasmine** and **TypeScript** to write automated test cases resulting in **20%** increase in code coverage
- Developed REST APIs using **Spring** and **Java** to enable the retrieval and updating of user information

DigitalEd – Full Stack Developer   Sept 2020 - Dec 2020; Waterloo, ON

- Created REST APIs for web server to query and sort user information using **Micronaut** and **Kotlin**
- Contributed to E2E testing framework using **Cypress** and **JavaScript** resulting in **60%** reduction in testing time
- Implemented **JOOQ** and **Micronaut Data** enabling complex SQL query execution in **Java** with increased efficiency

Projects

Clarity – NSBE Hacks U of T (Winner of 1ˢᵗ place overall & Winner of best Google hack)

- Developed full stack application that utilises IBM Watson and Google speech to text APIs to provide sentiment analysis based on incoming speech to aid children on the spectrum navigate social situations

Image Repository

- Developed an image repository with **Spring** on backend and **Angular** on frontend, with functionality for users to upload, retrieve and delete images from MySQL database

Education

University of Waterloo, Waterloo, ON   2018 – 2023

Bachelor of Science, Honors Biotechnology/Economics Co-op

- Was a mentor for student run club UW Tech+, helping first year students trying to get their first internship in tech