

# AMAN PURANIK

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

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

## Work Experience

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### IBM - Full Stack Developer

Aug 2023 - Present, Toronto, ON

- Currently working on IBM Watsonx, building out features with **React** and **Node.js**
- Used **JSON Schema** and **Javascript** to develop numerous features to enable other teams in integrating our microservice
- Used **Node.JS** to develop endpoint to fetch folder assets enabling the retrieval of assets from the frontend

### 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
- Created hidelist feature that allows brands to submit phrases in different locales that they would like hidden when displaying product reviews, utilizing **Rails** for the submission functionality and **Bootstrap** tab navigation for the UI
- 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
- Integrated **Angular Router** to enable navigation from one view to the next as user operates application
- 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
- Added **JOOQ** and **Micronaut Data** functionality resulting in ability to execute complex SQL queries in **Java** with increased efficiency

## Projects

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### Clarity – NSBE Hacks U of T (Winner of 1<sup>st</sup> 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
- Individually implemented IBM and Google APIs using **Python** to achieve speech detection and analysis

### 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

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### University of Waterloo, Waterloo, ON

2018 – 2023

Candidate for Bachelor of Science, Honors Biotechnology/Economics Co-op

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