

Ramneek Riar

ramneek.riar@torontomu.ca | [linkedin.com/in/ramneekriar](https://www.linkedin.com/in/ramneekriar) | ramneekriar.github.io | github.com/ramneekriar

EDUCATION

Toronto Metropolitan University (formerly Ryerson)

Graduation: October 2024

Bachelor of Science in Computer Science (Co-op)

Relevant Coursework: Data Structures & Algorithms, Database Systems, Web Development, Intro to Software Engineering

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, SQL, HTML/CSS

Tools/Libraries: Git, React, RESTful APIs, Scikit-learn, Pandas, NumPy, Jupyter Notebook, AWS

EXPERIENCE

PointClickCare

January 2023 – December 2023

Software Engineer Intern

Mississauga, ON

- Led UI development of a customer messaging solution using **React**, **Java**, and **RESTful APIs** to improve communication across **30,000+** healthcare facilities in North America
- Integrated **Identity Access Management (IAM)** features, enhancing user transitions and security by resolving critical SSO login tracking bugs
- Managed cross-functional collaboration, creating and prioritizing **70+** JIRA issues to standardize code for custom organization-specific features
- Designed the UI for a **LLM chatbot** project using React, demonstrating innovation and technical skill in real-time collaboration
- Boosted application stability by fixing complex backend bugs, implementing database scripts, and delivering high-quality code and documentation

BMO Financial Group

May 2021 – December 2021

QA Engineer Intern


Toronto, ON

- Built automated visual regression tests from scratch for over **70+** web components using **Python Selenium** and **Applitools** in an agile environment
- Refactored team codebase to enhance component efficiency by upgrading to the latest Storybook version, ensuring smooth integration with InVision
- Unified **100+** pages of documentation across subsystems on InVision through comprehensive component analysis
- Ensured **WCAG 2.1** compliance by optimizing web components, collaborating closely with design and development teams to meet accessibility standards

PROJECTS

Notion Library Alexa Skill  | *JavaScript, Alexa Skills Kit, Notion API, Google Books API*

- Designed and implemented an Amazon Alexa skill that leverages Notion API and Google Books API to update my personal library database in real time using AWS Lambda
- Programmed intent handlers to parse slot values and generate async requests to add, retrieve or update properties such as author, status, genre, rating, format and number of pages for a given book
- Created custom slot types for sample utterances to train and test model utilizing Alexa Developer Console

Spacestagram  | *React, NASA API, axios, MUI*

- Developed and deployed an Instagram clone web-app with NASA API to display posts with infinite scrolling
- Used async functions to fetch and handle data as Post objects when user reaches end of page
- Designed loading state and error-handling UI dependent on API response and utilized MUI Design Library components such as tooltip, popover, buttons and icons
- Implemented features allowing user to like/unlike posts to view their liked posts from local storage and click to copy image url

AFFILIATIONS

Rewriting the Code

November 2022 – Present

Member

- Member of Rewriting the Code, actively engaging and participating in the community using Slack