

Ramneek Riar

ramneek.riar@torontomu.ca | linkedin.com/in/ramneekriar | ramneekriar.github.io | github.com/ramneekriar

EDUCATION

Toronto Metropolitan University

Bachelor of Science in Computer Science (Co-op)

Toronto, ON

Graduation: October 2024

EXPERIENCE

Software Engineer Intern

January 2023 – December 2023

PointClickCare

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, including **multi-factor authentication (MFA)** and feature flags, to resolve critical SSO login tracking bugs and enhance security across organizations
- Streamlined user authentication process by resolving **IAM sync** issues and improving password expiry workflows
- Developed and documented **APIs** using Swagger for IAM migration project for phased rollout across organizations
- Created **DDL** scripts to audit important announcements sent to healthcare facilities within organization
- Managed cross-functional collaboration, auditing codebase and creating **70+** JIRA issues to standardize code for custom organization-specific features
- Optimized system performance through routine **AppDynamics** upgrades and authored internal guide for the team
- Resolved production defects reported by customers, improving system reliability and reducing downtime for facilities
- Engineered the UI for an **LLM chatbot** hackathon project using React, completing it within one week

Software Developer Intern

May 2021 – December 2021

BMO Financial Group

Toronto, ON

- Built automated visual regression tests from scratch for over **70+** web components using **Python Selenium** and **Applitools** in an agile environment
- Achieved reduction in development time by refactoring team codebase, resulting in improved component efficiency and smoother integration with design collaboration platform
- Unified **100+** pages of documentation across design subsystems 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

- Implemented Alexa skill with **CRUD** functionality leveraging Notion API and Google Books API to update personal library database in real time using AWS Lambda
- Programmed intent handlers to parse slot values and generate async requests 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

TECHNICAL SKILLS

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

Tools & Technologies: React, Node.js, MySQL, Postman, REST APIs, Scikit-learn, Pandas, NumPy, AWS, Docker, Git, Jenkins, Jira