

# Ajay Bukkaraya

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## EDUCATION

### York University

Bachelor of Science (Hons) in Computer Science

Sept. 2020 – June 2025

Toronto, Ontario

## WORK EXPERIENCE

### Network Operations Assistant

York University

May 2024 – December 2024

Toronto, Ontario

- Leveraged Cisco DNA Center (DNAC) to identify and fix WiFi problems for instructors and students, improving user satisfaction and network performance.

### Software Tester Co-op

Sanofi

Jan 2024 – April 2024

Toronto, Ontario

- Conducted over **40+** System Integrated Testing (SIT) and User Acceptance Testing (UAT) sessions using HP ALM, ensuring the functionality and reliability of the software.
- Documented and resolved **15+** anomalies and issues encountered during testing processes, leading to smoother software performance and enhanced user experience

### Information Technology Assistant

York University

May 2023 – Dec 2023

Toronto, Ontario

- Leveraged the HaloITSM ticketing system to analyze and responded to hundreds of service requests, helpdesk incidents and general information request.
- Developed a **Python** script to automate email notifications to students after a Virtual Machine has been deployed to their account on **Google Cloud Platforms**.

## PROJECTS

### Spotify API Clone | Java, Neo4j, MongoDB, Spring Boot, Okhttp3

- Developed Song and Profile Microservices utilizing **Java**, integrated **MongoDB** for effective song management, and used **Neo4j** for user profile functionalities.
- Designed and implemented a range of features including song management (add/delete), user interactions (like/unlike songs, friend management), and social sharing.
- Ensured communication between both Song and Profile Microservices using **Okhttp3** and tested using **Postman API** and **JUnit**.

### NFT Trading App | Java, XML, Junit

- Developed an android game that simulates NFT trading using **Java** and **Android Studio**. Users compete to reach a certain amount of balance in the lowest amount of days possible to win the simulation.
- Designed intuitive and visually appealing interface for seamless buying, selling, and trading of NFTs.

### Personal Portfolio | HTML/CSS, Javascript, Tailwind.css, Particles.js

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills, ensuring cross-device compatibility and a seamless user experience.
- Utilized Tailwind CSS for efficient styling and rapid UI development, maintaining consistency in design and enhancing visual appeal across all sections of the portfolio.

## LEADERSHIP EXPERIENCE

### VP Academics

Computing Students Hub @ York

May 2023 – April 2024

Toronto, Ontario

- Led diverse workshops on tech skills, leadership, and personal growth, fostering a dynamic learning environment and receiving positive feedback.
- Successfully organized and mentored at CSHub Local Hackday, providing technical support for a highly successful event with high-quality projects

## TECHNICAL SKILLS

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

**Frameworks and Tools:** JUnit, Tailwind.css, Git, MySQL, Numpy, Pandas, Postman, Spring Boot, Neo4j, MongoDB