

AJAY BUKKARAYA

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EDUCATION

York University

Toronto, Ontario

Bachelor of Science in Computer Science

September 2020 – August 2025

- Relevant Courses: Object Oriented Programming, Data Structures & Algorithms, User Interfaces, Software Design, Operating Systems, Database Systems

WORK EXPERIENCE

Mobile App Developer

June 2024 – Present

Cultural Compass

Toronto, Ontario

- Developed and implemented a secure login system using **Dart** and **Firebase Authentication**, enabling seamless user sign-ups, logins and password recovery.
- Integrated **Google**, **Facebook** and **Instagram Authentication** using **OAuth 2.0** for secure, seamless third-party logins, reducing manual input and enhancing user experience.

Network Operations Intern

May 2024 – December 2024

York University

Toronto, Ontario

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

Digital R&D Co-op

Jan 2024 – April 2024

Sanofi

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 laboratory systems.
- Documented and resolved **15+** anomalies and issues encountered during testing processes, leading to smoother software performance and enhanced user experience

Information Technology Assistant

May 2023 – December 2023

York University

Toronto, Ontario

- Leveraged the HaloITSM ticketing system to analyze and responded to hundreds of service requests, helpdesk incidents and general information request.

PROJECTS

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

- Developed a **Java** and **Spring CRUD** application replicating Spotify's functionality, featuring essential components such as user profiles, social connections, user management and song interactions.
- Integrated **Neo4j** Graph database for managing relationships and querying of data, used **Spring** for retrieving backend data via a **RESTful API**, Utilized **MongoDB** for efficient song metadata Storage.
- Leveraged **Okhttp** for external data handling, tested API endpoints using **Postman** to ensure proper functionality and performance.

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

- Developed and designed 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.

NFT Android 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.

TECHNICAL SKILLS

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

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