

Arunteja Kuchibhatla

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EDUCATION

Carleton University

Ottawa, Ontario

Bachelor of Computer Science Honours | GPA: 3.98/4.0

Anticipated Graduation: December 2025

Relevant Coursework: Data Structures, Web Development, Object Oriented Software Engineering, Applied Cryptography, Databases, Computer Graphics, Operating Systems, Distributed Computing

EXPERIENCE

Royal Bank of Canada (RBC)

Toronto, Ontario

Software Engineer Intern - Financial Data Exchange (FDX) Team

May 2024 – Present

- Implemented an age verification REST API in Java for Konek, **reducing data errors by 25% for over 10 million web clients**.
- Developed an application warmup Spring WebFlux service for FDX services, **reducing app startup time by 50% (4s to 2s)**.
- Increased JUnit coverage for core services to **100%** using Mockito, **resulting in a 50% reduction in quality assurance time**.
- Tailored self-hosted GitHub Actions runners for each FDX service, **improving application CI/CD deployment time by 30%**.
- **Tech Stack:** Java, Spring WebFlux, JUnit, Mockito, OpenShift, GitHub Actions, Postman, Git

Carleton University Blueprint

Remote

Web Developer Volunteer – Internal Tooling Team

May 2024 – Present

- Enhanced website UX by refactoring code to lazy load assets, ensuring a lag-free website experience **for over 1000 users**.
- Created standardized React card components, promoting code reuse and easier maintainability **for over 15 developers**.
- **Tech Stack:** TypeScript, Next.js, Tailwind CSS, Figma

Royal Bank of Canada (RBC)

Toronto, Ontario

Software Engineer Intern - DevOps Engineering Team

May 2023 – December 2023

- Spearheaded development of a DevOps portal's service onboarding system, **achieving a 35% QoQ increase in sign-ups** by using React for the front-end, TypeScript & Node.js for the backend server and Microsoft Graph API for Azure SSO.
- Built Python ETL pipelines using pandas to clean and transform Entra ID databases, **reducing ETL time by 40% (4s to 2.4s)**.
- Developed 10+ React pages for a DevOps portal for **9k+** employees, providing insights on **10k+ software packages & APIs**.
- Created developer onboarding workshops for **over 100 newcomer** technical staff, **resulting in a 95% satisfaction rate**.
- **Tech Stack:** TypeScript, React, Backstage.io, Python, Pandas, Node.js, Microsoft Graph API, Git

PERSONAL PROJECTS

Spotify Dynamic UI (in progress)

July 2024 – Present

- Developing a **TypeScript** VSCode extension integrating Spotify, allowing in-editor music playback.
- Users can preset albums for different projects, with the editor's UI theme dynamically updating based on the album.

Vibe-ify ([GitHub Link](#))

January 2023 – February 2023

- Developed a **C++** based music player implementing the Model view controller (MVC) design pattern, enabling users to create and manage playlists of songs with multiple user profiles.
- Deployed Valgrind for memory leak detection and utilized multithreading with pthreads for concurrent audio playback.

Save Soil Web Scraper ([GitHub Link](#))

December 2022 – January 2023

- Implemented a **Python** web scraper to gather email information of government leaders available in the public domain.
- Engineered an email bot leveraging **SMTP & MIME** to email hundreds of government leaders across the globe about soil health, resulting in positive responses from **over 50** government officials supporting the Save Soil movement.

TECHNICAL SKILLS

Programming: Java, TypeScript, Python, C++, JavaScript, SQL, HTML/CSS

Frameworks: React.js, Node.js, Mockito, Spring WebFlux

Tools: Git, MongoDB, Docker, Kubernetes, OpenShift, GitHub Actions, AWS, Postman, Jira