Arunteja Kuchibhatla

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EDUCATION

Carleton University　　　　　　　　　　　　　　　　　　　　　　　　　　　　Ottawa, Ontario
Bachelor of Computer Science Honours | GPA: 4.0/4.0　　　　**Expected Graduation:** December 2025

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, C++, C, HTML/CSS
Frameworks: Spring WebFlux, Mockito, React.js, Node.js, JUnit
Developer Tools: Git, Docker, Unix/Linux, Kubernetes, Jenkins, Azure, Postman, Jira, VS Code

WORK EXPERIENCE

Software Engineer Intern　　　　　　　　　　　　　　　　　　　　May 2024 - August 2024
Royal Bank of Canada (RBC) - Financial Data Exchange (FDX) Team　　　　　　*Toronto, Ontario*

- Improved user experience by developing secure RESTful APIs in Java leveraging JSON Web Token (JWT) authentication, benefiting **over 10 million** clients using Open banking services.
- Engineered a highly scalable, distributed Spring WebFlux service to concurrently initialize financial data exchange services, improving user experience by reducing application startup time **by 50% (4s to 2s)**.
- Automated testing by increasing Junit test coverage of core FDX services to **100%** using Mockito, resulting in a **50%-time reduction** for Quality Assurance.

Software Engineer Intern　　　　　　　　　　　　　　　　　　May 2023 - December 2023
Royal Bank of Canada (RBC) - DevOps Engineering Team　　　　　　　　　　*Toronto, Ontario*

- Spearheaded development of a distributed, scalable microservice onboarding system for an internal developer portal, increasing microservices onboarded by **35% QoQ** using React, TypeScript & Entra SSO.
- Replaced inefficient single API calls to Entra ID with Python ETL pipelines, cleaning & structuring data to improve UX and cutting processing time by **40% (4s to 2.4s)**, improving user experience for RBC developers.
- Automated DevOps CI/CD pipelines using Jenkins, Docker and Openshift 4, cutting deployment time by **50% (20 min - 10 min)** across multiple data centers.

Teaching Assistant, Abstract Data Types & Algorithms　　　　　　September 2022 - Present
Carleton University　　　　　　　　　　　　　　　　　　　　　　　　　　*Ottawa, Ontario*

- Conducted regular office hours & lectures for **600+** students to solve complex algorithmic problems using Java.
- Led collaborative algorithms review sessions, improving problem-solving skills and resulting in **200+** A+ grades.

EXTRACURRICULARS

Web Developer Volunteer　　　　　　　　　　　　　　　　　　　　　May 2024 - Present
Carleton University Blueprint　　　　　　　　　　　　　　　　　　　　　*Ottawa, Ontario*

- Enhanced Blueprint's website's UX by refactoring code to lazy load assets, reducing asset load time by **80% (5s to 1s)** and ensuring a lag-free website experience for **over 1000** users.
- Created standardized React project card components, promoting code reuse in the club for **over 25** developers.

Developer Volunteer　　　　　　　　　　　　　　　　　　　　　　　May 2022 - Present
Conscious Planet – Save Soil Movement　　　　　　　　　　　　　　　　　　　　*Remote*

- Developed a Python web scraper & used RegEx to parse contact information of **200+** government institutions.
- Created an automated system to send emails via the Save Soil website's outreach form, reaching **100+** officials.

LEADERSHIP

Squad Tech Lead　　　　　　　　　　　　　　　　　　　　　　June 2023 - August 2023
RBC Summer Tech Labs　　　　　　　　　　　　　　　　　　　　　　　*Toronto, Ontario*

- Selected from **500+** interns to lead 5 high school developer interns in an 8-week corporate software engineering program and provided mentorship, pair programming and code reviews.
- Led workshops on OOP (Java), TypeScript and crafting concise & impactful end-of-term presentations for senior leadership, resulting in a **100% return offer rate** for all interns.