

Arunteja Kuchibhatla

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EDUCATION

Carleton University

Bachelor of Computer Science Honours

Ottawa, Ontario

Expected Graduation: December 2026

WORK EXPERIENCE

Shopify Inc.

Software Engineer Intern - Sell in Minutes Team

May 2025 - August 2025

Toronto, Ontario

- Architected AI onboarding flows in **Ruby**, using **Gemini 2.0** to personalize user journeys for **3M+** merchants.
- Built a **Ruby** microservice scaling **Gemini** voice agents across **15+** regions, reducing time-to-first-sale by **30%**.
- Engineered a backward-compatible **GraphQL** API to replace legacy endpoints, executing a zero-downtime migration that increased feature velocity by **40%**.
- Resolved critical concurrency race conditions in the **Ruby** backend causing infinite redirect loops, stabilizing access for **500+** merchants and protecting **\$35k+** in MRR.
- Refactored legacy frontend architecture into modular **React** components, eliminating **10k+** lines of dead code.

Carleton University

Teaching Assistant for Abstract Data Types and Algorithms

September 2022 - December 2024

Ottawa, Ontario

- Guided **600+** students in mastering **data structures**, algorithms and complexity analysis via office hours.
- Led exam review sessions and algorithm optimization workshops, contributing to **200+** A+ grades.

Royal Bank of Canada

Software Developer Intern - Financial Data Exchange Team

May 2024 - August 2024

Toronto, Ontario

- Built high-availability **Java REST APIs** using stateless **JWT** auth, securing financial data for **15M+** users.
- Engineered a non-blocking request orchestrator using **Spring WebFlux** to asynchronously manage downstream services, reducing API response time by **50% (4s to 2s)**.
- Ensured distributed services reliability through **JUnit & Mockito** test suites, preventing CI/CD regressions.
- Configured custom self-hosted GitHub Actions runners, reducing deployment time by **15%** for microservices.

Royal Bank of Canada

Software Developer Intern - DevOps Engineering Team

May 2023 - December 2023

Toronto, Ontario

- Developed a **React** intake portal to automate microservice onboarding, increasing registered services **35% QoQ**.
- Engineered a **Python ETL** pipeline to batch **Entra ID** data, eliminating redundant calls and reducing frontend load times by **50% (4s to 2s)**.
- Built a **TypeScript** access discovery tool mapping permissions for **1000+** users, enhancing RBAC auditability.

PROJECTS

Agentic POS Chatbot | React Native, Remix, Claude 3.5 Sonnet, Shopify MCP, Prisma (SQLite)

- Engineered a **Claude 3.5 Sonnet** & Shopify **MCP** assistant converting natural language to SKU filters.
- Designed a normalized **SQLite** schema with fuzzy-search indexing, enabling **sub-100ms** inventory queries.

Code Spa | TypeScript, Gemini 2.0 Flash, Spotify Webpack SDK

([GitHub](#))

- Developed a **Gemini 2.0** Flash VSCode extension generating real-time, context-aware themes & AI backgrounds.
- Implemented a secure **OAuth 2.0** auth flow for the Spotify SDK, enabling low-latency in-editor music control.

LEADERSHIP

Vice President Talent

Carleton University Blueprint

January 2025 - Present

Ottawa, Ontario

- Leading technical recruitment for **10+** nonprofit projects, overseeing the placement of **40+** volunteer developers.

TECHNICAL SKILLS

Languages: Java, Python, Ruby, C++, TypeScript, SQL, GraphQL

Frameworks: Spring Boot, Ruby on Rails, Node.js, React, React Native, Remix, JUnit, Mockito

Developer Tools: AWS CDK, GCP, Azure, Kubernetes, Git, Docker, Jenkins, Prisma, Postman