

# Amey Damle

[Portfolio](#) | [ameyd.2002@gmail.com](mailto:ameyd.2002@gmail.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

---

### University of Toronto

Computer Science Specialist (Co-op) – Software Engineering Stream

GPA: 3.64/4.00

Awards: Dean's List, University of Toronto Scholars Award

Scarborough, ON

Sep. 2020 – Apr. 2025

## EXPERIENCE

---

### Software Developer

University of Toronto - Math Rosetta Stone

May. 2024 – Present

Toronto, ON

- **Collaborated** with a team of translators, a graphic designer, example creators, and another game creator to design and develop a interactive math quiz game to aid non-native English speakers.
- Architected a scalable and efficient game database schema to store user credentials and game progress data in **SQL**, implemented using **Drizzle ORM** with **MySQL**.
- Implemented **5+ minigames** including Hangman and MCQ in **NextJS**, using **TypeScript** and **Tailwind CSS**, designed to enhance user engagement and educational value.
- Implemented authentication using **Lucia Auth**, ensuring a seamless and secure user experience.

### Frontend Developer

University of Toronto - Centivizer

Sep. 2023 – Apr. 2024

Toronto, ON

- Developed dashboard pages using **React**, and **Material UI** to display workout information such as distance travelled and time spent, for 2RaceWithMe, an exercise app targeted to aid senior citizens with mobility issue.
- **Collaborated** with the graphic designer and the professor on a weekly basis to ensure implementation was up to par with the **Figma** designs.

### Software Developer

Ceridian

Sep. 2022 – Apr. 2023

Toronto, ON

- Developed security features in Ceridian products, using **C#**, **.NET 6.0**, **Duende IdentityServer**, **Git**, **MongoDB**, **SQLServer** and **Azure** in an **agile** environment.
- Saved upto **\$10,000** per month from **SMS pumping attacks** by adding phone number validations and rate limiting in the Dayforce Wallet app.
- Prevented user enumeration in **8+ scenarios** in Dayforce Wallet by refactoring error handling logic.
- Ensured reliability of new features through thorough unit-testing (**Moq**) and automation testing (**Cypress**).
- Fixed **Veracode CWE-80 Cross-Site Scripting** flaws in Dayforce using **HTML encoding**.
- Automated Dayforce Identity service setup for other teams, using **Powershell** and **Docker Compose**, to reduce setup related questions in the Support channel by **90%**.
- Automated build purging process using **Powershell** and **Az module** to clear space worth **100+** stale builds in **Azure Container Registry** based on retention policy in **Azure DevOps**.

### Software Developer

RBC

Jan. 2022 – Apr. 2022

Toronto, ON

- Used **Spring Boot annotations** for dependency injection, **Mockito** for mocking dependencies, and **Jacoco** to verify **85%** unit-testing code coverage.
- Created a **Confluence** document for technical onboarding processes such as setting up repositories and local environment on Mac and Windows.
- Automated updating the legal disclosure document using **JavaScript**.
- Refactored inter-microservice API calls to handle security flaw using **Java**, **Spring Boot** and **Maven**, and performed functional testing using **Postman** and **Apac Tomcat server**.
- Operated as a part of an **Agile** team and used **JIRA** to manage user stories and deliver product increments.

## SKILLS

---

**Languages:** Java, C#, Python, C, JavaScript, TypeScript, HTML, CSS, SQL, Bash

**Technologies:** Sprint Boot, .NET 6.0, Duende IdentityServer, Flask, React, Material UI, Node.js, Express.js, NextJS, Redux, Angular, Tailwind CSS, Lucia-auth, Clerk, Convex, shadcn/ui

**Other:** Object-Oriented Design, Teamwork, Communication, Problem-Solving, Leadership, Agile Methodologies