

Amey Damle

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EDUCATION

University of Toronto Scarborough

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

CGPA (as of Winter 2022): 3.81/4.00

Relevant Courses: CSCB07 Software Design, CSCB20 Introduction to Databases and Web Applications

Awards: University of Toronto Scholar (\$7500), Dean's List 2021

Sept. 2020 – Current

Toronto, ON

WORK EXPERIENCE

Royal Bank of Canada

Mobile Services Developer

Jan. 2022 – Apr. 2022

Toronto, ON

- Implemented features in the backend services used by the RBC Mobile Banking App using Java in Maven projects and achieved an 85% unit-testing code coverage using Spring Boot annotations for dependency injection and Mockito for mocking dependencies.
- Validated software against story requirements by deploying applications to Apache Tomcat servers, running Oracle database locally using Docker, using Postman to test RESTful endpoints, and by using DBVisualizer to verify database changes.
- Stubbed data and collaborated with the QE team by reviewing smoke test results, to successfully complete performance testing at 900 TPS.
- Practiced Continuous Integration using Jenkins to automatically trigger builds and run unit tests when code was merged to the central repository, improving software quality, and allowing RBC to release software updates every 2 months.
- Practiced the Agile approach to deliver small yet consumable product increments by using JIRA board for managing user stories, having story grooming/refining sessions, daily standup meetings and sprint retrospective meetings.

PROJECTS

Health App | *Android Studio, Java, Firebase Realtime Database, Agile*

Aug. 2021

- Created an appointment scheduling Android app for CSCB07 in Java, in an Agile team of 4.
- Used Firebase Realtime Database to store user data and GitHub for versioning.
- Used Mockito for unit testing units with dependencies.

Course Website | *HTML, CSS, Python Flask, SQLite*

Apr. 2021

- Created a course website for CSCB20 in a team of 4.
- Implemented the Login and Register pages using HTML, CSS, and Python Flask.
- Used a relational database to store user data and SQLite to query it.

Battlesnake | *Python, Replit, Flood Fill*

Mar. 2022

- Participated in Battlesnake's RBC Spring 2022 Rookie Tournament ([tournament brackets](#)) in a team of 4.
- Implemented snake server logic (avoiding obstacles using flood fill, hunting smaller snakes) in Python.
- Hosted the snake server using Replit, to communicate with the Battlesnake API during the tournament.

SKILLS

- **Languages** - Python, Java, HTML, CSS, JavaScript, SQLite
- **Frameworks** - Flask, React, Spring Boot, Mockito
- **Tools** - Git, GitHub, IntelliJ, Android Studio, Postman, DBVisualizer, Heroku
- **Other Technologies** - Maven, Apache Tomcat, REST APIs, Oracle, Firebase Realtime Database
- **Soft** – Communication, leadership, time management,