Amey Damle

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EDUCATION

University of Toronto Scarborough, ON
Computer Science Specialist (Co-op) – Software Engineering Stream *Sep. 2020 –Aug 2024*
   GPA: 3.75/4.00
   Awards: Dean's List, University of Toronto Scholars Award

EXPERIENCE

Software Developer Sep. 2022 – Apr. 2023
Ceridian *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 setup and purging processes using **Powershell, Docker Compose** and the **Az** module.

Mobile Services Developer Jan. 2022 – Apr. 2022
RBC *Toronto, ON*
- Implemented features in the RBC Mobile Banking app, using **Java, Spring Boot, Maven, Apache Tomcat server, Git, Oracle database,** and **Docker**.
- Used **Spring Boot annotations** for dependency injection, **Mockito** for mocking dependencies, and **Jacoco** to verify **85%** unit-testing code coverage.
- 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, Node.js, Express.js, Redux, Angular
Other: Object-Oriented Design, Teamwork, Communication, Problem-Solving, Leadership, Agile Methodologies

PROJECTS

Playbook | *MongoDB, Express.js, React, Redux, Node.js, GitHub Actions, Docker, GKE* Aug. 2023
- Built a social media web application for online multiplayer gamers, following **Scrum**.
- Used **MERN** stack to develop application with **MVC** architecture.
- Used **GitHub Actions**, **Docker** and **GKE** to implement the **CI/CD** pipeline.

Employee Manager App | *MySQL, PostgreSQL, Spring Boot, Angular, Heroku* May. 2022
- Built a full-stack employee management **CRUD** application.
- Used **Spring Boot** and **Angular** to develop application.

Course Website | *SQLite, Flask, HTML, CSS, Heroku* Apr. 2021
- Built a course web application to access course details, and display/edit student grades.
- Used **Flask**, **HTML** and **CSS** to implement user registration and login.

HealthSchedule | *Firebase Realtime Database, Java, Android* Apr. 2021
- Built a clinic appointment scheduling **Android** app, following **Scrum**.
- Implemented Appointments page, InputChecker class in the first iteration of the app, and unit-tested the Presenter module using **Mockito**.

Battlesnake | *Python, Replit, Leadership, Teamwork* Mar. 2022
- Participated and placed 1st in Battlesnake's RBC Spring 2022 Rookie Tournament.
- Used **Python** to implement server logic, **Git** for versioning and **Replit** for hosting the snake server.

Task Tracker | *JSON-server, React, Netlify* Mar. 2022
- Built a task tracking web application using the **React** framework.
- Used **JSON-server** to mock REST API functionality.