

Ishaan Sharma

 ishaansharma.ca |  linkedin.com/in/ishaan99 |  github.com/ishaan99

SKILLS

Languages: Java, Python, C, SQL, JavaScript, Visual Basic, C#, Swift, Objective-C, HTML/CSS, XML, PHP

Other: Git, Linux, AWS, Google APIs, Android SDK, iOS SDK, React, Node.js, REST APIs, AngularJS, AJAX

EXPERIENCE

Audible (Amazon)

Jan 2022 – Present

Software Development Engineer

New York, USA

- Developing backend API services in **Java** for the Audible Library page

Amazon Web Services

May 2021 – Aug 2021

Software Development Engineer Intern

Vancouver, Canada

- Designed and added a compression feature to **AWS Relational Database Service for Oracle S3** Integration to save customers time and money transferring files between S3 and database instances using **Java** and **PL/SQL**

Coursera

Aug 2020 – Dec 2020

Software Engineering Intern

Toronto, Canada

- Developed a new API in **Java/Scala** for partners to easily build and transfer course content to the platform decreasing time to transfer from weeks to a few hours
- Created an integration for Zoom to auto-upload live course videos to Coursera

IBM

May 2020 – Aug 2020

Software Developer Intern

Toronto, Canada

- Created web dashboard to view Db2 service data and test metrics of different platform builds and versions in **JavaScript, Node.js, Express.js, and AngularJS**
- Decreased script runtimes by 80% to filter/merge Db2 high availability logs and tests on **Linux** and **AIX** machines
- Conducted network and hardware failure tests by creating scripts to bring database hosts down and catch failures

Amazon Web Services

Sep 2019 – Nov 2019

Software Development Engineer Intern

Vancouver, Canada

- Designed and developed a service in **Java** for **AWS CloudFormation** that allows provisioning internal and native AWS resources across all regions and accounts with unit and integration tests
- Wrote a template in **Ruby** to build and manage the deployment pipeline which automatically ran unit and integration tests and deployed the service in AWS Regions and Availability Zones

PROJECTS

Driveway Parking Sharing App

Apr 2020 – Jun 2020

- Developed a parking sharing app using a **React** and **Redux** frontend to sell and find parking spots
- Creating an **iOS app** in **Objective-C** to work alongside the website for ease of use with messaging and directions
- Used Google Maps/HERE API for locations/addresses and Firebase Cloud Firestore and Firebase Realtime databases

Fortnite 2D Web Application

Mar 2020 – Apr 2020

- Developed a 2D version of Fortnite using a **Node.js** and **Express.js** backend and a **React** frontend
- Utilized Canvas for game UI and added support for multiplayer via **WebSockets** and AI bots
- Created a user management system with a **REST API** using **Ajax** and stored data in an **SQLite** database
- Built the application for **web** and **mobile** platforms by integrating touch and gyroscope inputs

FIRST & VEX Robotics - High School Teams

Oct 2013 – May 2017

- Manufactured, designed, and programmed competitive robots in two-month periods
- Programmed autonomous routes for robots in **C** and implemented PID controllers for precise movements
- [Team 1241](#), firstinspires.org, github.com/Ishaan99/FRC-2017-1241-SW

More projects on my website: ishaansharma.ca

EDUCATION

University of Toronto

Sep 2017 – Dec 2021

Honors Bachelor of Science, *Specialized in Computer Science*

Toronto, Canada