ADITYA RAJ

💻 Website ✉ 2001adityaraj@gmail.com 🔗 linkedin.com/in/aditya-raj-05b62018b ⭘ github.com/Adi33-cloud

Skills

Languages: C, C++, Java, C#, HTML, CSS, Python, JavaScript, SQL
Frameworks/Technologies: React, React-Native, Node, Express, mySQL, MongoDB, Git, Postman, JUnit, Cypress
DevOps Technologies: AWS, Terraform, Docker, CircleCI, SumoLogic, Jenkins

Relevant Experience

IBM   May 2022 – Present
QA Automation Intern   *Remote*
- Worked on writing automation tests for our security and alert system product used and trusted by industry leaders called *IBM Security QRadar XDR*, Cypress was used.
- Pair programmed with team members to solve problems, collaborate and improve our test suite through best practices.
- Responsible for maintaining the teams Jenkins pipeline and adhering to company standards.

D2L   January 2022 – April 2022
Software Developer Co-op   *Remote*
- Developed workflow for our application to support cookie and non-cookie events that effect millions of users to allow access to the application in all browsers.
- Contributed to the core LMS(Learning Management System) by fixing defects. Worked with C#
- Followed standard PR process via Git, attend AGILE meetings and hosted retrospectives for the team.

RBC Ventures   September 2021 – December 2021
Automation Developer Co-op   *Remote*
- Contributed to a new release for an internal infrastructure as code(IaC) tool that allows ventures to deploy and customize their cloud infrastructure easily. Terraform, AWS, Docker and CircleCI was used.
- Helped ventures to upgrade to new releases for the internal IaC tool which allows ventures to build cloud infrastructure with more secure services. Used Git, resolved merge conflicts and issued PR's for different ventures repositories.
- Worked with AWS console to test solutions using Elastic Container Service, CloudWatch, EC2 and SumoLogic.

ZenHQ   July 2020 – August 2021
Web and Mobile Developer   *Remote*
- Worked in an AGILE/SCRUM environment to develop a front-end code-base from scratch and created responsive features using the companies API to display data in various ways. Used React, Redux, Materials-UI.
- Created a micro service from scratch to help with customization of forms. Used Node, Express, MongoDB, Postman, Jest and SuperTest.
- Worked on the company's mobile application for iOS/Android devices and updated class based components into functional components using React-Native.

Extracurricular and Projects (see more on my website)

Shulich Ignite | *Mentor/Volunteer*
- Taught high-school students the fundamentals of programming using Python

Project 90 | *Team Lead*
- Worked with a multi-engineering discipline team to build small vehicles for children with disabilities to allow for improved mobility and being able to play with other children easily.

Sorting Algorithm Visualizer | *Java*
- Developed a visualization tool to display common sorting algorithms such as, bubble, selection, quick, and merge sort.

REST API | *Node, Express, MongoDB*
- Created a RESTful API with authentication and authorization using JWT (JSON Web Token).
- Implemented user login, registration and storing data securely with the use of BCrypt to hash sensitive information.
- Testing API requests with Jest, SuperTest and Postman, along with hashing important data such as passwords.

Education

University of Calgary   Sep. 2018 – May 2023
Bachelor of Science in Software Engineering   *Calgary, Alberta*

GPA: 3.3/4.0

Relevant Coursework: Data structures and algorithms, Principles of Software Development(OOP), Operating Systems, Database Management, Computer Networks System Architecture, Software Requirements, Software Testing, Reliability and Quality