


# ADITYA RAJ

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## Education

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### University of Calgary

*Bachelor of Science in Software Engineering*

Sep. 2018 – Present

Calgary, Alberta

## Technical Experience

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### IBM | QA Automation Engineer Intern

May 2022 – December 2022

- Refactored to improve the entire team's automation test speeds by 75%. | **Cypress**
- Maintained the team's automation pipeline and adhere to *IBM Security QRadar* pipeline standards. | **Jenkins**

### D2L | Software Engineer Intern

January 2022 – April 2022

- Implemented a solution to support cookie and non-cookie workflows for third-party learning tools to integrate with our application. | **JavaScript, AWS, Serverless**
- Contributed to the core LMS(Learning Management System) by fixing defects. | **C#**
- Reviewed and participated in standard PR process via **GitHub** and hosted retrospectives for the team.

### RBCx | DevOps Engineer Intern

September 2021 – December 2021

- 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, CircleCI, Elastic Container Service, CloudWatch, EC2, SumoLogic**
- Resolved merge conflicts and issued PRs for different companies repositories for ventures to upgrade to new releases for the internal IaC tool.
- Gave a company wide presentation to give understanding how our in house IaC tool impacts and helps our portfolio companies. | **PowerPoint, Public Speaking**

### ZenHQ | Full Stack Software Engineer

July 2020 – August 2021

- Developed a front-end code base from scratch and created responsive features using the company's API to visualize and manipulate data. | **React, Redux, Materials-UI**
- Created a microservice from scratch to help with the customization of forms. | **Node, Express, MongoDB, Postman, Jest, Supertest**
- Refactored company's mobile application by updating class-based components to functional components. | **React Native**

## Other Experience, Extracurricular and Projects (see more projects on my [website](#))

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### Neo Financial | Sales Lead

March 2022 – Present

- Trained new and existing B2C sales reps to work one-on-one on their product knowledge, sales pitch and communication.
- Dealt with any issue or concerns and lead by example by selling and putting customers first when they get started with Neo. | **Leadership, Communication, Time Management, Sales**

### Dyne | Software Engineer

September 2022 – Present

- Capstone project in which I implemented front-end components from designs and mock ups for dynamic pricing. | **React**
- Developed logic and implemented API endpoints for dynamic pricing. | **Node, MongoDB, Mongoose, Postman**
- Attended weekly meetings, provide updates and collaborate with other team members on different problems. | **Jira, Confluence, Notion, GitHub**

### Schulich Ignite | Mentor/Volunteer

- Taught high-school students the fundamentals of programming which students used to create a final project based on what they learned. | **Python, Communication, Teaching**

### Project 90 | Team Lead

- Worked with a multi-engineering discipline team to build/modify small toy vehicles for children with disabilities to allow for improved mobility and being able to play with other children easily. | **Collaboration**

### Engineering Leadership Program | Graduate

- Completed 3 tiers of the leadership program with each tier focusing on different leadership attributes in the workplace. | **Emotional Intelligence, Time Management, Effective Communication, Difficult Conversations, Project Management, Conflict Resolution, Receiving Feedback, Negotiation, Adaptive Leadership**

## Sorting Algorithm Visualizer

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