

# Ritesh Ahlawat

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## SKILLS

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Languages: Java, JavaScript, Python, C, HTML, CSS, Arduino

Frameworks and Libraries: React.js, Express.js, Firebase, GCP, MySQL

Technologies and Tools: Node.js, Git/GitHub, VS Code, Jupyter, Jira, Confluence

## EXPERIENCE

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Application Analyst – Ontario Digital Service, Toronto, Ontario (May 2020 – August 2020)

- Provide application development, support and maintenance services within the MGCS portfolios
- Participate in testing and implementation of systems and applications

WebMoti Assistant - Ryerson University IMDC, Toronto, Ontario (September 2019 – April 2020)

- Worked in an agile environment on the front and back-end developing a web application for students with autism to attend class remotely with video and audio feedback.
- Maintained and added functionalities to the WebMoti robot which students would be able to control and give the teachers gestural, audio, and video feedback.
- Redesigned the entire web application with a material design focus, significantly increased simplicity, and implemented 70% of the accessibility features all before the given timelines.

## PROJECTS

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Solaro – Flask, GCP (Maps, AutoML), GeoJSON, HTML/CSS/JS, Semantic UI Devpost - GitHub

- Detects roof type and calculates surface area and energy savings using computer vision with visual solar radiation input depending on region
- Placed in top 10 from 126 teams

PharmaShip – Android (Java), GCP GitHub

- Created mock-up Android application for a pharmacy start-up that allows you to view nearby pharmacies and upload images of your prescriptions and track the status of their delivery.
- Later integrated with a Node.js and MySQL backend to keep track of delivery.

ProTech – Android (Java), Arduino (C++), Node.js, MySQL Devpost - GitHub

- Unison of different hardware and software components to record and notify an owner of the product if someone has broken into their home.

Music Ecommerce – React.js, Node.js, MySQL, HTML/CSS/JS GitHub

- Worked on an ecommerce website for a musical artist to sell musical pieces.
- Experimented with libraries such as ScrollMagic.js and GSAP to create a responsive and animated website.

## EDUCATION

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Ryerson University, Toronto, Ontario. Expected Graduation: 2023

Computer Science B.Sc. (Co-op), plan to minor in Mathematics, available for 4-8-month term

- C-GPA: 3.26