ARYAN THATTE

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❯ EDUCATION

University of Waterloo 2020 - 2025
Bachelors of Computer Science
Awarded President's Scholarship of
$2000.00

❯ SKILLS

Languages: Javascript, Java, C++, Python, C#, C, HTML, SQL, CSS
Tools/Frameworks: Git, React, Three.js, Firebase, Azure, GCP, AWS, Node.js, Raspberry Pi, OpenCV, Android Studio, Visual Studio, Unity, Vision API, Netbeans, Eclipse, Excel

❯ EMPLOYMENT

Flybits (Incoming Internship) Jan. 2022 - Apr. 2022
Frontend Software Engineer Toronto, Canada
- Will be reimplementing user interfaces which clients view containing data from their banks using **React** and written in **Typescript**

Deloitte May 2021 - Aug. 2021
Cloud Consulting Software Developer Toronto, Canada
- Assessed cloud compatibility and ideated solutions for cross-functional client applications to determine cloud migration methods for client systems
- Configured over 300 applications to be suited for cloud migration and seamlessly transition them with **AWS, GCP, and Azure**
- Created a system which recognizes user activity to create a healthy work environment in opposition
- Devised an algorithm to detect user patterns with their movement and activity written in **Python**

Schlegel Villages May 2017 - May 2020
Technical Kinesiologist Assistant Mississauga, Canada
- Created an exercise tracker database for over 200 seniors with mental and physical disabilities in long-term care with **Python** and **Excel**
- Developed and scripted an automative process to determine relationships with PointClickCare, a cloud-based healthcare database, and Excel data

❯ PROJECTS

Ouch! DeSlouch | uOttaHack3
- Developed a web application that applies a computer vision algorithm to detect and notify users of poor posture with a 93% success rate
- Implemented **React.js, C++, OpenCV,** and **Javascript**

i4Noi | McHacks7 – 3rd Place
- Built an IoT product that aids the visually impaired by alerting them of their surroundings with an ultrasonic sensor and won 3rd place among 500+ participants
- Written in **Python** and implemented with **Google's Assistant** and **Vision API** on a **Raspberry Pi**

WeWii | HackTheHammer2
- Programmed a web game that competed with 130+ participants which sends smartphones' real-time gyroscope data to the web game
- Premise of the web game is to tilt your phone causing your ball in the game to roll into the hole while avoiding to touch your opponent's ball
- Deployed and built using **Node.js**, **Java**, **Firebase**, and **Three.js**

Solar System Simulator
- Deployed a simulation of the solar system in 3 weeks using Unity which features 9 customizable views and rotation preferences that enable users to intuitively navigate through the simulation
- Programmed and architected with **Unity Game Engine** and **C#**

❯ EXTRACURRICULARS

Competitive A Capella · Music Direction – The WaterBoys Sept. 2020 - Present
- Lead the team by hosting weekly meetings and assigning responsibilities, placing 3rd in the Quarter Finals of the International Championship of Collegiate A Cappella
- Songwrites and produces music with 3 years of experience, plays guitar and piano with 11 years of experience
- Mixed and arranged multiple arrangements using **Logic Pro X**, and **Melodyne** to edit stems