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

❯ EMPLOYMENT

Deloitte   May 2021 - Aug. 2021
Cloud Engineering Consultant   Toronto, Canada
- Assessed cloud compatibility and ideated solutions for cross-functional client applications to determine how to migrate client systems to cloud
- Configured over 300 applications to be suited for cloud migration
- Architected and designed solutions to seamlessly transition apps to **AWS**, **GCP**, and **Azure**

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

❯ PROJECTS

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**

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**, **Javascript**, and **ReactStrap**

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 **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
- Organized sectional rehearsals 2 times a week and assisting members with potential difficulties regarding dependencies on other sections