

ARYAN THATTE

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► SKILLS

Languages: Typescript (TS), Javascript (JS), Python, SQL, C++, Java, C#, C, R, Go (Golang), HTML, CSS

Tools / Frameworks: Git, React, Node.js, Django, Postman, AWS, PostgreSQL, Splunk, Firebase, Jenkins, Celery, Vision AI, OpenCV, Unity

► EMPLOYMENT

- Intuit** January 2023 - Present
Software Engineer + Product Manager Toronto, Canada
- Architected and implemented **5 API endpoints** written in **Python** to increase performance by **5x** by periodically fetching and storing translated data using **Celery** from WorldServer to a **PostgreSQL** database
 - Developed a draft feature within a microservice written in **Typescript** for users to save content in an **AWS SNS queue** before publishing, using **Splunk** for querying and **Jenkins** to assess unit tests
 - Conducted more than **50 customer interviews** to determine conversion, drop-off, and churn rates for TurboTax offerings to solidify user and product research
- Wordn** September 2022 - December 2022
Front End Software Developer Toronto, Canada
- Implemented and shipped a workspace feature in **Typescript** with **React** which allows users to partition issues in different sections and collaborate live, improving the user engagement by more than 200%
 - Increased usability for users by 4.8x by providing search and filtering functionality to streamline prioritized issues and stories that provide further insight for specific regions
 - Designed and created a markup editor within the web app for users to upload attachments and draw on images to allow
- Flybits** January 2022 - April 2022
Full Stack Developer Toronto, Canada
- Created a modern UI with **React** and **Typescript** that marketers in banks and other financial institutions (TD Bank Group, Mastercard, etc.) use to automate notifications and content to their customers, increasing engagement by **2.5x**
 - Increased work efficiency 3x by implementing a scheduling feature that allows marketers to set a start and end time for smart targeted content to appear on their customers' mobile apps
 - Performed end to end testing using Jenkins to test solutions for filed bugs, improving developer efficiency by **75%**
 - Developed backend which sends and receives requests to trigger push notifications to mobile devices written with **Go**
- Deloitte** May 2021 - August 2021
Cloud Consulting Software Developer Toronto, Canada
- Assessed and configured cloud compatibility for cross-functional client applications to perform cloud migration for client systems and apps with **Postman** and **CircleCI**
 - Deployed over 300 applications onto cloud platforms such as **Google Cloud Platform** and **Azure**, saving clients \$400k after 3 years
 - Created an algorithm written in **Python** to detect developers' work patterns with their movement and activity, increasing work efficiency by **20%**

► 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 Assistant** and **Vision AI** on a **Raspberry Pi**

Ouch! DeSlouch | uOttHack3

- 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**

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#**

► EDUCATION

University of Waterloo 2020 - 2025
Candidate for Bachelor of Computer Science
Awarded President's Scholarship of \$2000.00

► EXTRACURRICULARS

Competitive A Capella · Music Direction – The Water Boys September 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