

ARYAN THATTE

✉ aryan.thatte@gmail.com 🌐 guitaryan.github.io ☎ +1 (647)-633-7110 in aryan-thatte 🎧 guitaryan

► 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, Flask, Splunk, Firebase, Jenkins, Celery, Vision AI, OpenCV

► 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 pipelined unit tests
 - Designed and deployed a health check endpoint to monitor a **7-part microservice** architecture, which updates system status every 30 minutes and posts logs on **Splunk**
 - 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 written 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
 - Improved UX by **1.4x** by designing and creating a markup editor within the web app for users to upload attachments and draw on top of images
- 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

- Barista Bot**
- Developed a **Slack bot** running on a **Flask** server which uses **OpenAI's GPT-4** to interact and collect beverage orders from employees to display them on a front end client to company-hired baristas
 - Written in **Python**, **JavaScript**, **TypeScript**, with a front end built with **React**
- 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**

► 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
 - Songwriters 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