# ARYAN THATTE

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## SKILLS

**Languages:** TypeScript (TS), JavaScript (JS), Python, C++, SQL, 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

## EDUCATION

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

## EXPERIENCE

### Intuit
Software Engineer + Product Manager
January 2023 - Present
Toronto, Canada

- Architected and developed **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
- Programmed 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
Front End Software Developer
September 2022 - December 2022
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
Full Stack Developer
January 2022 - April 2022
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%**
- Coded a backend architecture written in **Go** which sends and receives requests to trigger push notifications to mobile devices

### Deloitte
Cloud Consulting Software Developer
May 2021 - August 2021
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 | Intuit Hackathon - NDA**
- Coded 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 applied **Google Assistant** and **Vision AI** 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
- Programmed with **React.js**, **C++**, **OpenCV**, and **Javascript**

## EXTRACURRICULARS

**Competitive A Capella** · Music Direction – The Water Boys
- Led the team by hosting weekly meetings and assigning responsibilities, placing 3rd in the Quarter Finals of the International Championship of Collegiate A Cappella
- Wrote and produced 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