# ARYAN THATTE

647-633-7110 | aryan.thatte@gmail.com | linkedin.com/in/aryan-thatte | github.com/aryan-thatte | aryan-thatte.github.io

## EDUCATION

**University of Waterloo**                                                                Waterloo, Canada
*Bachelor of Computer Science*                                                        *Sep 2020 – Apr 2026*
- Relevant Coursework: Data Structures, Algorithms, OOP (C++), Operating Systems, CPU Architecture
- Awarded President's Scholarship of $2000

## EXPERIENCE

**Software Engineer**                                                                    May 2025 - Aug 2025
*Meta*                                                                                      *Bellevue, USA*
- Implemented 3 user interfaces within Meta Pay, written in **Hack**, centralizing customer receipts from Facebook, Instagram, and Reality Labs into one experience, increasing user engagement by **70%**
- Created a transformer in **PHP**, allowing customer receipts to be accessible from any of Meta's consumer apps, increasing user satisfaction by **80%**
- Designed and developed **3 GraphQL APIs** which normalize receipt types from **29 product teams**, enabling engineers to fetch user transactions with a standardized schema
- Architected and shipped asynchronously triggered actions to filter user transactions, **optimizing API usage by 4x**

**Software Engineer**                                                                    May 2024 - Aug 2024
*Wealthsimple*                                                                            *Toronto, Canada*
- Spearheaded the product development of a feature written in **Ruby** and **Typescript** that uses **SMS** as a new channel to concurrently notify more than **4 million clients** for marketing promotions, achieving **98.63%** user satisfaction
- Developed a fallback solution with **Ruby on Rails** to **reroute push notifications** as emails in the case 3rd party vendors are having an outage, ensuring clients are always notified of critical events
- Created a clawback feature in **Ruby** for customer support to manually track and undo automated events upon client request, decreasing CX toil by **60%**
- Optimized the **Postgres** notifications database by indexing frequently used data, decreasing latency by **45%** during busy periods of the stock market

**Software Engineer**                                                                    Jan 2023 - Dec 2023
*Intuit*                                                                                    *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 integration tests
- Designed and deployed a **health check endpoint** to monitor a **7-part microservice** architecture, which updates the system's status every 30 minutes and posts logs on **Splunk**

**Full Stack Developer**                                                                Jan 2022 – Apr 2022
*Flybits*                                                                                    *Toronto, Canada*
- Created a modern UI with **React** and **Typescript** that marketers in banks and other financial institutions (TD, Mastercard, etc.) use to automate notifications and content to their customers, **increasing engagement by 2.5x**
- Improved and refactored back end services written in **Go** which send and receive requests to trigger push notifications to mobile devices

**Cloud Consulting Software Developer**                                              May 2021 – Aug 2021
*Deloitte*                                                                                  *Toronto, Canada*
- Deployed over **300 applications** onto cloud platforms such as **Google Cloud Platform** and **Azure**, saving clients **$400k over 3 years**
- Developed a maintenance task in **Python** to detect developers' work patterns with their movement and activity, increasing **work efficiency by 20%**

## PROJECTS

**Barista Bot — Intuit Hackathon** | *Python, Flask, OpenAI API, React, Typescript, Node.js*
- Coded a Slack bot which uses **OpenAI's ChatGPT-4** to interact and collect beverage orders from employees

**i4Noi — McHacks7 – 3rd Place** | *Python, Google Assistant, Vision AI, Raspberry Pi*
- Built an **IoT** product that aids the visually impaired by alerting surroundings with ultrasonic sensors and won **3rd place among 500+ participants**

## TECHNICAL SKILLS

**Languages**: TypeScript (TS), JavaScript (JS), Python, C++, Ruby, SQL, Java, Hack, C#, C, R, Go (Golang), HTML, CSS
**Tools / Frameworks**: Git, React, Node.js, Datadog, Ruby on Rails, Redis, Django, Postman, AWS, PostgreSQL, Flask, Splunk, Firebase, Jenkins, Celery, Vision AI, OpenCV