Aryan Thatte

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EDUCATION

University of Waterloo — Waterloo, Canada
Bachelor of Computer Science — *Sep 2020 – Apr 2025*

EXPERIENCE

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**
- Conducted more than **50 customer interviews** to determine conversion, drop-off, and churn rates for TurboTax offerings to solidify user and product research

Front End Software Developer — Sep 2022 – Dec 2022
Wordn — *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 user experience ratings 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

Full Stack Developer — Jan 2019 – Apr 2019
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**
- 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 integration testing using **Jenkins** to assess solutions for patched bugs, improving developer efficiency by **75%**
- Improved and **refactored backend 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*

- Assessed and configured cloud compatibility for cross-functional client applications to perform cloud migration for client systems and apps using **Postman** and **CircleCI**
- Deployed over **300 applications** onto cloud platforms such as **Google Cloud Platform** and **Azure**, saving clients **$400k over 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 | *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
- Displays collected orders a front end client to company-hired baristas

i4Noi — McHacks7 – 3rd Place | *Python, Google Assistant, Vision AI, Raspberry Pi*

- 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**

TECHNICAL 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