

Austin Varghese

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EDUCATION

University of Guelph

Bachelor of Computing in Software Engineering - Minor in Business

Guelph, ON, Canada

Sep 2019 – Apr 2023

- **Achievements:** Dean's Honours List | Graduated with Distinction | GPA: 85.2
- **Relevant Courses:** Object Oriented Programming, Data Structures, Algorithms, Cloud Computing

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, C, C#, SQL, Ruby, Dart, HTML, CSS

Frameworks: Node.js, React.js, Next.js, Flutter, Ruby on Rails, .NET, JUnit, Bootstrap, Tailwind

Tools: MySQL, MS SQL Server, Firebase, AWS, Azure, Git, Figma, Docker, JQuery, Playwright

Skills: Agile Software Development, Data Structures, Object Oriented Programming, Collaboration, Problem-Solving

EXPERIENCE

Quality Assurance Engineer

Express Scripts Canada

Mar 2024 – Present

Mississauga, ON

- Maintain quality for multiple Express Script Canada applications to ensure millions of users can connect with their pharmacies and process their insurance as one of Canada's largest PBM.
- Developed **automation** test cases with **Selenium** to improve testing time by **75%** compared to manual testing.
- Used **Oracle SQL** to create, find, and manipulate tables and records required for testing.
- Utilized **Postman** to test API functionality.

Quality Analyst

Hammond Power Solutions

May 2021 – Apr 2022

Guelph, ON

- Developed an issue tracking system that allows employees a better way to create and categorize company issues.
- Used **SharePoint** sites for creating more manageable forms accessible as **Excel spreadsheets**.
- Maintained quality standards by reducing human errors when adding new entries into the system.
- Improved communication within the plant by directing automated emails to required personnel.
- Increased data entry speed for employees across North American plants by **40%**.

PROJECTS

AWS S3 Management Shell | AWS, Python, Boto3, S3

Jan 2023

- Developed a Python-based Command Line Interface (CLI) tool to manage folders and files within a user's **AWS** account and their local storage with simple commands.
- Utilized **Boto3** to easily access AWS API's for Python to connect to a user's **S3** resource.
- Implemented commands to copy, move and delete files between a user's S3 resource and their local storage.

UniSearch | JavaScript, Python, React.js, Flask, NGINX

Apr 2022

- Developed a full-stack web application using **Flask** and **React** to search and graph courses offered at the University of Guelph and University of Waterloo.
- Collaborated with a team using **Git** with **Agile Methodologies**.
- Scraped course data from official university websites with **Playwright** and stored data in JSON

GPX Parser Website | C, Node.js, JavaScript, MySQL, Express, JQuery, libxml

May 2021

- Developed a full stack web-application to display and edit information of GPX files uploaded by the user.
- Created with **Node.js** framework with a **C** backend.
- Implemented front-end with **HTML/CSS** and **Bootstrap** to display front-end components.
- Utilized **JQuery** / **Ajax** to handle API calls to the back-end
- Used **MySQL** databases with multiple queries to store data of GPX files uploaded.