

Ram Vasuthevan

ram@vasuthevan.ca | [Linkedin](#) | [Github](#) | Toronto, CA (Open to Relocation) | Canadian Citizen | [Personal Website](#) | [Blog](#)

Seeking a role in a fast-growing firm that values technical excellence, where I can make a significant impact

TECHNICAL SKILLS

Languages: Python, Go, SQL (PostgreSQL, MySQL, SQLite), Java, PHP, C#, HTML/CSS, JavaScript R, VBA, Google App Script
Frameworks/Libraries: Flask, Pandas, NumPy, Matplotlib, unittest, NUnit
Developer Tools: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Docker, Kubernetes, Git (GitHub/GitLab), BigQuery, Metabase, ReDash, Excel, Google Sheets

EDUCATION

Wilfrid Laurier University Waterloo, Canada
Bachelor of Science in Computer Science, Minor in Economics Sept. 2017 – Apr 2021

Amazon Web Services
AWS Certified Solutions Architect – Associate May 2021

EXPERIENCE

Software Engineer Jul 2022 – Aug 2023
SearchSpring Toronto, Canada

- Implemented a Go-based microservice to cache Shopify API results with SQLite, circumventing rate-limiting constraints, allowing performant indexing for clients with large catalogues
- Successfully identified, wrote and deployed code fixing a critical bug across multiple microservices, resulting in a reduction of downtime and an increase in stability
- Designed an error classification system and built a Metabase dashboard, used daily by multiple team members to enhance the efficiency of the Customer Support and Project Management teams in understanding and addressing errors

Cloud Advisory Analyst May 2021 – Jul 2022
Accenture Toronto, Canada

- Large Multinational Mining company
 - * Co-led a 20-person team in the migration of critical operations applications from on-premise to Azure cloud, working with technical and non-technical stakeholders, successfully completing the migration ahead of schedule
 - * Identified risks, created mitigation strategy, and communicated details regarding the migration to stakeholders, allowing Accenture to gain client confidence and swift approval from the client's Change-Advisory Board (CAB)
- Canadian Government Agency
 - * Contributed to the successful project management of an Azure migration and Sitecore website redesign, focusing on ensuring that the client's business processes were correctly modelled and accessibility requirements were met
 - * Worked closely with client staff and Accenture developers to gather requirements, design technical specifications, and ensure the final website met the client's needs

Software Engineer Intern May 2020 – Apr 2021
Geotab Waterloo, Canada

- Worked on the Electric Vehicle Suitability Assessment(EVSA) tool, which recommends to companies which vehicles in their fleet should be switched to electric based on data from the vehicles
- Built backend REST API microservice for the EVSA tool, using Flask, Pandas and Google Pub/Sub, containerized it using Docker and deployed used Kubernetes on the Google Cloud Platform
- Wrote unit, integration and functional tests using the Unittest framework to reduce bugs and ensure the correctness of code
- Reporting directly to the VP of Engineering, developed a solution using Python, Google BigQuery and Redash to analyze and visualize data, which allowed managers to gain insights into their team's performance

PROJECTS

The GoldenHack – Co-Founder and Executive Vice President Dec 2018 – Oct 2020

- A coding, design and business contest with 150 attendees. Attendees form teams and work to propose solutions to corporate sponsors' challenges
- Recruited and managed a team of 35 across multiple faculties, Wilfrid Laurier and University of Waterloo
- Worked to build buy-in and get support from faculty members and student associations
- Helped raise over 10K in sponsorship funds