

Ram Vasuthevan

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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

Bachelor of Science in Computer Science, Minor in Economics

Waterloo, Canada

Sept. 2017 – Apr 2021

Amazon Web Services

AWS Certified Solutions Architect – Associate

May 2021

EXPERIENCE

Software Engineer

New Software

Apr 2024 – Jul 2024

Toronto, Canada

- New Software was a pre-seed startup backed by Drive Capital, where I contributed to a platform leveraging LLMs to enable business users to create internal tools using natural language, focusing on workflows for finance teams and NetSuite, and democratizing access to SOTA code generation and powerful APIs previously exclusive to developers.
- Designed and implemented an Express.js microservice with NetSuite's SuiteTalk REST API, reducing invoice generation time from 40 hours to 30 seconds, minimizing errors, and offering greater flexibility in creating tailored pricing plans.
- Developed and documented robotic process automation (RPA) for a client's payroll process using Playwright, executing scripts in a scalable, dockerized browser instance, which allowed visual verification of script execution.

Software Engineer

SearchSpring

Jul 2022 – Aug 2023

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 catalogs
- 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

Accenture

May 2021 – Jul 2022

Toronto, Canada

- Rio Tinto
 - * 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)
- Metrolinx
 - * 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

Geotab

May 2020 – Apr 2021

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