

Ayush Verma

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EDUCATION

Dalhousie University

Master of Applied Computer Science

Halifax, NS

Distinction with first class

EXPERIENCE

IT Developer / Analyst

Canada Revenue Agency

January 2023 – Current

Toronto, Canada

- Developed and maintained microservices using Java, Spring Boot, and Hibernate, delivering scalable and secure solutions for enterprise applications.
- Led the implementation of CI/CD pipelines using Jenkins and Docker, reducing deployment time by 30%.
- Optimized SQL and NoSQL database queries for high-traffic applications, resulting in a 20% improvement in response time.
- Enhanced legacy applications by refactoring code and implementing design patterns to improve maintainability and performance.
- Ensured application reliability through rigorous testing frameworks including JUnit and Mockito, achieving a 99.9% uptime SLA.
- Leveraged my Permanent Resident (PR) status in Canada to transition seamlessly into a multicultural work environment, enhancing collaboration with diverse teams.

Intermediate DevOps Engineer

Walkover Web Solutions

February 2021 – November 2021

Indore, India

- Designed and developed central dashboard with metrics to predict DevOps deployment flow across various verticals to support sales team in taking smart decisions.
- Recognizing and defending vulnerabilities in system by monthly audit of all distributed and parallel systems

DevOps Engineer

SARVA YOGA LLC

May 2019 – January 2021

Mumbai, India

- Architected and implemented multiple micro-service based platforms to stream real-time Yoga and Zumba sessions using Apache Spark. Managed 10K+ concurrent users during master workshops.
- Worked on a centralised CMS infrastructure to track referrals and leads from various sources. Designed tools to generate automated sales reports.
- Payment services and SDK integration with platforms with respect to different guidelines like GDPR and PCI DSS.

CERTIFICATIONS

AWS Certified Cloud Practitioner

Microsoft Certified: Azure Fundamentals

Microsoft Certified: Azure Data Fundamentals

ACHIEVEMENTS AND AWARDS

Rank 1/342: Unilever global finance Hackathon to build best solution for Supply Chain Management.

Top 5/90: Designed a bot which enables 3D maps and easify Shopping Experience at Coviam Botathon.

Rank 8/ 176: Freshworks global Hackathon to find sustainable solution for green computing.

TCS Codevita: Pre-finalist among 321 candidates at programming contest organised by TCS.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, Bash

Frameworks: React, Loopback, Flask, Express

Databases: MySQL, PostgreSQL, MongoDB

Cloud Providers: AWS, DigitalOcean, GCP, Linode