

# HAARD TRIVEDI

University of Ottawa  
BASC Software Engineering

Business Management and Entrepreneurship Option (Co-op)  
Magna cum Laude, Dean's Honour List (2018 - 2021)

Sept. 2017 to Dec. 2021

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## CERTIFICATIONS

**AWS Certified Cloud Practitioner**

**AWS Certified Solutions Architect Associate**

**AWS Associate Speaker**

## SKILLS

**PROGRAMMING LANGUAGES:** Java, Python, JavaScript, SQL, XML, C, Bash, HTML, CSS, Powershell

**TECHNICAL SKILLS:** AWS, Machine Learning, Hadoop, React Native, Postgres, Oracle, MySQL, Node.js, Tableau, Firebase, MongoDB, Postgres, Android Studio, Artifactory, DevOps, Agile, Beeline, Hue, GitHub, GitLab, Eclipse, Circle CI, Jenkins, Elastic Search, Django, GitHub Actions, Docker, Linux Systems, Terraform, CloudFormation

**LANGUAGES:** English, French, Gujarati, Hindi

## EMPLOYMENT

### AMAZON WEB SERVICES

Cloud Infrastructure Engineer

Vancouver, BC  
Jan. 2022 to Current

- Instrumental to the Shared Delivery Team and thrived as professional services consultant to 6 AWS clients
- Used cutting edge tools such as Lambda, SNS, RDS to design & engineer a serverless Pub-Sub application to migrate data between 45 OracleDB and Aurora tables (JS)
- Designed, developed and automated state-of-the-art enterprise backup solution deployed in 300+ AWS accounts (Backup, RDS, S3, IaC)
- Automated 5 highly-available AWS infrastructure deployments using TypeScript CDK and IaC (CloudFormation & Terraform)
- Full-stack development of an AWS internal training & learning site for employees (Lambda, API Gateway, JS)
- Clearly conveyed messaging, key missives and critical updates across team, departmental, business, organizational, and geographic lines, to drive consensus, cooperation, and interdisciplinary success

Cloud Infrastructure Architect

Vancouver, BC  
June 2021 to Aug. 2021

- Designed & automated AWS-based pipeline for metric-based analysis of account resources decreasing manual creation time by 80%
- Drove seamless and timely AWS pipeline automated deployment of DataSync, SSM, Athena & Glue resources to generate QuickSight dashboards
- Specialized in network performance upgrade of 10%, infrastructure provisioning and building APIs

### MICRO FOCUS

Cloud Engineer

Ottawa, ON  
May 2020 to Aug. 2020

- CloudOps: added cloud capabilities to perform behavioural analytics and identify cybersecurity insider threats to Intersect software
- Updated Elasticsearch API for cost optimization by 20% and data collection enhancement
- Applied Machine Learning concepts for proxy mappings of 10,000+ users

Software Engineer Coop

Ottawa, ON  
Sept. 2019 to Dec. 2019

- Dev Team: worked on an application installer to setup Intersect
- Worked on the modification and installation of security analytics software called Intersect to identify potential insider threats to a system
- Updated Intersect installer to perform data integration with Hadoop, Cloudera, Ambari and Nifi and decrease installation time by 30%

### GLOBAL AFFAIRS CANADA

IT Security Specialist

Ottawa, ON  
Jan. 2019 to Apr. 2019

- CSCI Team: Developed an ETL Python application to store 10,000+ queries of PII data
- Utilized Tableau to process and analyze 1000s of information queries from the SQL data warehouse

### CIBC

Application Developer

Toronto, ON  
May 2018 to Aug. 2018

- DevOps: performed framework & infrastructure deployments and resolved server issues as Server Admin
- Created Python application to process and confirm privileges of approximately 10,000+ CIBC employees

### LIFE LABS

Data Validation Intern

Toronto, ON  
Sept. 2017 to Dec. 2017

## PROJECTS

### WELLNESS HUB (PROJECT LEAD & BUILD MANAGER ENGINEER)

I worked with the University of Ottawa and developed a mobile app for students to navigate health & wellness resources in the community. Using a MERN stack, my team and I were able to ship the product into a Beta release and receive user feedback in 8 months. It is currently available on Google Play Store, coming to the App Store soon.

### E-ACCOMMODATE

I designed and developed an Airbnb-type full-stack application with React, Node and Express along with a secured SQL database on the backend. It included the ability to sign up as different user types - renter, landlord and manager to provide an experience exclusive to the user.

### U OF O DELIVER

As a part of a university course I created a mobile app similar to DoorDash that permits users to order food to campus from select neighbouring restaurants. The React Native application was usable on Android and iOS platforms.

## AWARDS

### University of Ottawa · DEAN'S HONOUR LIST

Dec. 2021

Recipient of the Dean's Honour List certification for 4 consecutive years for good academic standing with a GPA of 9.5 (out of 10)

### Google · GOOGLE TECH CHALLENGE - RANKED TOP 3

Sept. 2019

Ranked in the Top 3 of Google's tech challenge at University of Ottawa participated in by over 30 teams

### University of Ottawa · UOTTAWA ENGINEERING COMPETITION

Feb. 2018

Ranked in the Top 5 of the university-wide competition