HAARD TRIVEDI

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Skills

PROGRAMMING LANGUAGES

Java
Python
Java Script
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

LANGUAGES

English
French
Gujarati
Hindi

Education

University of Ottawa	Sept. 2017 to Dec. 2021

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

Employment

Amazon Web Services — Vancouver, BC
Cloud Infrastructure Engineer — Jan. 2022 to Current
- Extensive AWS usage to design and engineer a serverless Pub-Sub application to migrate data between 45 Oracle DB and Aurora tables
- Automated 3 highly-available AWS infrastructure deployments
- Developing an AWS internal learning tool for employees
- Professional services consultant to 3 AWS clients

Cloud Infrastructure Architect, Professional Services Intern — 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%
- Specialized in network performance upgrade of 10%, infrastructure provisioning and building APIs

Micro Focus — Ottawa, ON
Cloud Engineer — May 2020 to Aug. 2020
- Added cloud capabilities to perform behavioural analytics and identify cybersecurity insider threats to Interset 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
- Worked on the modification and installation of security analytics software called Interset to identify potential insider threats to a system
- Updated Interset installer to perform data integration with Hadoop, Cloudera, Ambari and Nifi and decrease installation time by 30%

Global Affairs Canada — Ottawa, ON
IT Security Specialist — Jan. 2019 to Apr. 2019
- Applied AI/ML and Data Warehousing principles (ETL Process) to store 10,000+ queries of sensitive information through a Python project
- Utilized Tableau to process and analyze 1000s of information queries from the SQL data warehouse

CIBC — Toronto, ON
Application Developer — May 2018 to Aug. 2018
- Created Python application to process and confirm privileges of approximately 10,000 CIBC employees
- Performed framework & infrastructure deployments and resolved server issues as Server Admin

Life Labs — Toronto, ON
Data Validation Intern — Sept. 2017 to Dec. 2017
- Developed Sales Force for LifeLabs' purposes

Projects

Wellness Hub (Project Lead & Build Manager Engineer)
A mobile app for students to navigate health & wellness resources in the community - Available on Google Play Store

e-Accomodate
Developed an AirBnB-type application with a JavaScript frontend and a secured SQL database on the backend

InstaFix
Constructed an Android app for repair services

AR uOttaHack App
Created an AR application at uOttaHack to identify objects and colours using a cell phone camera

UofO Deliver
Created a web and a React Native application for a food ordering and delivery application

Virtual Monopoly
Created fully functioning, virtual Monopoly game using Java, utilized GitHub for version control for game

Certifications

AWS Certified Cloud Practitioner · Certification	Aug. 2021 to Aug. 2024
AWS Certified Solutions Architect Associate · Certification	Apr. 2022 to Apr. 2025
AWS Associate Speaker Certification · Certification	Apr. 2022

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

Activities

uOttawaHack - Largest Hackathon in Ottawa — Feb. 2021
Participated in consecutive years (2019, 2020, 2021)

uOttawa Engineering Competition · Team Lead — Feb. 2018

Mississauga Robotics Team · Executive Member — Sept. 2016 to June 2017