HAARD TRIVEDI

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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

CERTIFICATIONS

AWS Certified Cloud Practitioner

AWS Certified Solutions Architect Associate

AWS Associate Speaker

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

EMPLOYMENT

AMAZON WEB SERVICES
Cloud Infrastructure Engineer

Vancouver, BC
Jan. 2022 to Current

- Used 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 an 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)
- Professional services consultant to 6 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%
- AWS pipeline automated deployment of DataSync, SSM, Athena & Glue resources to help create 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

- 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
IT Security Specialist

Ottawa, ON
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
Application Developer

Toronto, ON
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
Data Validation Intern

Toronto, ON
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

U OF O 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

AWARDS

University of Ottawa · DEAN'S HONOUR LIST
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)

Dec. 2021

Google · GOOGLE TECH CHALLENGE - RANKED TOP 3
Ranked in the Top 3 of Google's tech challenge at University of Ottawa participated in by over 30 teams

Sept. 2019

ACTIVITIES

UOTTAWAHACK
Participated in consecutive years (2019, 2020, 2021)

UOTTAWA ENGINEERING COMPETITION · Team Lead

MISSISSAUGA ROBOTICS TEAM · Executive Member