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 (MERN stack) for students to navigate health & wellness resources in the community - Available on Google Play Store

E-ACCOMODATE
Developed an AirBnB-type application with a React frontend and a secured SQL database on the backend

INSTAFIX
Android app for repair services using Java and Android Studio

AR UOTTAHACK APP
Created an AR application at uOttaHack to identify objects and colours using a cell phone camera (Java & JS)

U OF O DELIVER
React Native application for a food ordering and delivery application

VIRTUAL MONOPOLY
Fully functioning, virtual Monopoly game using Java, utilized GitHub for version control for game

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
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