Suhavi Sandhu

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💼 work

DeltaHacks   Aug 2019 – Jan 2020
Tech Team Executive
Hamilton, ON

- Worked on user interface for the annual hackathon's landing page and application portal for over 2000 applicants
- Migrated all promises to use async/await on application portal
- Developed a judging platform using Vue JS and Firebase for 158 project submissions, 545 participants and 11 judges
- Helped sign in participants and handed out swag bags on the day of the hackathon

Bell Canada   Aug 2018 - Aug 2019
Software Engineering Intern
Mississauga, ON

- Catalogued 17872 devices from a legacy system to a Ruby on Rails inventory management application developed from scratch
- Implemented core backend functionality for log analysis tool that saves company $10628 annually
- Designed and developed dashboard that monitors team performance and automation goals
- Rebuilt log analysis tool's frontend using material design, adding user requested functionality such as dark mode
- Researched and integrated Docker to development workflow
- Carried out code reviews, sprint planning, sprint retrospectives and stand-ups
- Regularly deployed new releases of in-house tools
- Wrote and scheduled scripts to make database backups and ensure server stability
- Wrote onboarding guides and extensive documentation to ease transition of new employees

Technitask   May 2017 – Jun 2017
Quality Assurance Intern
Toronto, ON

- Manually tested software using JIRA in an Agile environment
- Improved efficiency of team by writing a Python script to automate test creation, bringing it from 1 hour down to 1 minute

🏛 education

McMaster University
B.Eng Software
3.7 GPA, Graduated Apr 2020

☰ skills

Languages: Java, Python, JavaScript, Ruby, C, HTML/CSS

Frameworks/Tools: React, Vue, Rails, Git, Docker, AWS, GCP, Linux/Unix

Datastores: MySQL, Postgres, MongoDB, Firebase

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The Cut   Sep 2019 – Apr 2020
Final Year Capstone Project
Android application that identifies movies. Built using microservices architecture and delivers results in less than 60 seconds
Stack: React Native, Flask, MySQL, NodeJS, AWS

Crowdsink   Oct 2019
Participant at YHacks
Generates a word cloud for any company by organizing user reviews across the web
Stack: React, NodeJS, IBM Watson

VisiCar   Mar 2018
Best Use of Autodata API at Hack Western 5
User takes a picture of a car and the website returns good deals nearby.
Stack: Ruby on Rails, GCP Image Recognition, ChartJS

LitCoin   Mar 2018
Simulation of cryptocurrency market for those who want to experiment before investing
Stack: NodeJS, socket.io