VIJAY PATEL

📞 (416) 854-6867 | ✉ patelv60@mcmaster.ca | 🏠 vjpatel.ca | ⚙ VJ-P | in vijaypat

Experience

TD Canada Trust
Toronto, ON
SOFTWARE ENGINEER INTERN
Sept 2020 - Dec 2020

- Currently working as a backend developer on the enterprise payments team
- **Technologies:** Java, Spring, Bitbucket

Dream Payments
Toronto, ON
DEVOPS INTERN
May 2020 - Aug 2020

- Automated CI/CD process in order to increase the productivity of developers and refactored pipeline templates for reusability across different projects/environments
- Implemented AWS App Mesh and vertical autoscaling capabilities to EKS clusters to monitor network traffic and increase the availability of microservices
- Automated deployment and clean up of development environments to decrease operational costs
- Created dashboards and other monitoring tools to manage the performance of clusters
- Developed a deployment pipeline to deploy Cloudformation stacks for authentication service
- **Technologies:** Bash, Kubernetes, AWS (App Mesh, CloudWatch, CloudFormation, EKS, Developer Tools)

TD Canada Trust
Toronto, ON
TECHNICAL ANALYST INTERN
May 2019 - Aug 2019

- Developed scripts to automate cloud monitoring in order to decrease server downtime
- Designed and built a process to manage over 20 000 security risks related to inappropriate environment access
- Reviewed over 200 software updates to ensure that they met development standards before being put into production
- **Technologies:** Python, RESTful APIs, SaltStack, Rundeck, MSSQL, Excel

Projects

Should I Eat This?

- Developed a full-stack recipe rating application, in order to encourage more people to cook at home
- Users can share their own recipes, while reviewing and commenting on others' recipes
- **Technologies:** Node, Express, MongoDB, Bootstrap

Group Chat

- Built a distributed chat room application to allow users to communicate anonymously with everyone
- Managed data using Redux, side effects with Redux-saga, and client-server communication with WebSockets
- **Technologies:** React, Node, Redux, Redux-Saga, WebSockets

Skills

Languages	JavaScript, Python, Java, C, Bash, HTML/CSS, SQL, Assembly, MATLAB, Verilog
Frameworks	React.js, Node.js, Express.js, Flask, Bootstrap
Cloud Tools	Git, Kubernetes, Docker, AWS, SaltStack

Education

B.Eng.Mgt, Computer Engineering and Management
Hamilton, ON
MCMASTER UNIVERSITY
April 2023

- **Relevant Courses:** Principles of Programming, Data Structures and Algorithms, Software Development
- Leadership Positions
    - **VP Internal:** McMaster Engineering and Management Society
    - **Attendee Relations Executive:** DeltaHacks