VIJAY PATEL

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Experience

Dream Payments
Toronto, ON

DEVOPS INTERN
May 2020 - Aug 2020

- Expected to aid in the automation of the CI/CD pipeline and improve the deployment strategies for company's cloud payment service using AWS

TD Canada Trust
Toronto, ON

TECHNICAL ANALYST INTERN
May 2019 - Aug 2019

- Developed scripts to automate cloud monitoring in order to decrease server downtime by 10%
- 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?

- Currently developing 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

EasyDocs

- Developed a web application for general practitioners by generating patient information templates while highlighting potential medical issues and recommending medication
- Implemented a recommendation engine to alert the practitioner of potential risks to check for based on patient information
- **Technologies:** Python, Django, JavaScript, Bootstrap, SQLite

Skills

Languages	JavaScript, Python, Java, C, Bash, HTML/CSS, SQL, Assembly, MATLAB, Verilog,
Frameworks	React.js, Node.js, Express.js, Django, Flask, Bootstrap
Software Tools	Git, Kubernetes, Docker, AWS (EC2, CloudFormation, CloudWatch, Developer Tools)
Hardware	Arduino, Raspberry Pi

Education

B.Eng.Mgt, Computer Engineering and Management
Hamilton, ON

MCMASTER UNIVERSITY
April 2022

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