

VIJAY PATEL

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Experience

Dream Payments

Toronto, ON

DEVOPS INTERN

May 2020 - Aug 2020

- Currently automating and supporting CI/CD processes to streamline and improved development and deployment strategies
- **Technologies:** Kubernetes, AWS (CloudWatch, CloudFormation, EKS, EC2, 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 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
Cloud Tools Git, Kubernetes, Docker, AWS, SaltStack
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