

# VIJAY PATEL

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## Experience

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### 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

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### 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

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Languages JavaScript, Python, Java, C, Assembly, SQL, MATLAB, HTML/CSS

Frameworks React.js, Node.js, Express.js, Django, Flask, Bootstrap

Software Tools Git, Linux, AWS (IAM, EC2, SNS, CloudFormation, Developer Tools)

Hardware Arduino, Raspberry Pi, Verilog HDL

## Education

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### 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