

# Eshaan Chaudhari

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## SUMMARY

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- 3<sup>rd</sup> year software engineering and management co-op student at McMaster University
- 1 year of co-op experience at Ciena focused on back-end development and test automation
- Work experience with Java, Python, JavaScript, object-oriented programming and REST API development
- Knowledge of web development frameworks such as React, Angular, Node.js, Express.js and Flask

## EDUCATION

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### McMaster University

Hamilton, Ontario

Software Engineering and Management (Co-op)

2018 – 2024

Relevant courses:

Cumulative GPA: 3.7/4.0

Principles of programming, computation, data structures and algorithms, digital systems and interfacing

## EXPERIENCE

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### Ciena

Ottawa, Ontario

Software Engineer Intern

05/2021 – 08/2021

- Backend development for REST API using Java and built unit tests using Mockito for development code
- Developed code using object-oriented programming in a microservice architecture
- Implemented a backend feature from software requirements using agile software development and sprints
- Fixed software bugs, wrote software documentation and developed code for multiple software workflows
- Learned about networks, software design and the process to develop software from requirements to release

### Ciena

Ottawa, Ontario

Software Automation Developer Intern

09/2020 – 04/2021

- Designed and created test automation for microservices using JavaScript, Postman and TeamCity
- Created an application using JavaScript and Node.js for determining and visualizing microservice dependencies
- Developed a Python script for validating pull requests and created a JavaScript library for representing graphs
- Created TeamCity builds for continuous integration testing and performed manual testing for QA

### Helping Hands

Mississauga, Ontario

Software Developer

07/2019 – 08/2019

- Front-end web development using React with Material-UI and used git for collaboration
- Implemented an updated version of the web application from a new design by updating over 90% of the UI
- Created new responsive user interfaces using React for new features and worked on optimizing UX

## PROJECTS

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### StockPlan

[github.com/eshaanc20/StockPlan](https://github.com/eshaanc20/StockPlan)

- Web application to plan and manage investment portfolio by creating goals for stocks and organizing stocks
- Created web REST API with Node.js and Express.js for back-end and used MongoDB for database
- Used Angular for front-end and worked on UI designs to optimize user experience

### DevKit

[github.com/eshaanc20/DevKit](https://github.com/eshaanc20/DevKit)

- Web application that helps find an optimal software tool such as libraries for a project based on requirements
- Used React with Material-UI for front-end and created a web REST API for back-end using Express.js and Node.js

## SKILLS

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|--------------|--------|-----------|--------------|-----------|-------|---------|
| • JavaScript | • Java | • React   | • Express.js | • Node.js | • CSS | • Flask |
| • Python     | • C    | • Angular | • MongoDB    | • HTML    | • Git | • SQL   |