

Vaid Saraswat

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SUMMARY

Third-year Software Engineering Student with good understanding of Data Structures and Algorithms, along with proficiency in developing web applications while using technologies/languages such as JavaScript, NodeJS, and ReactJS. Currently working at Prodigy Education as a DevOps Developer (co-op). Interested in web development, distributed systems, and cloud technologies.

KEY SKILLS

- **Languages:** HTML/CSS, JavaScript, MySQL, Java, YAML
- **DevOps Tooling:** Docker, Kubernetes, Helm, AWS
- **Frameworks/Technologies:** NodeJS, ReactJS, Redux, MongoDB, REST APIs
- **Version Control:** Git
- **Project Management:** Jira, Agile, Scrum, Confluence, Hatjitsu
- **Environments:** Windows, Mac, Linux

WORK EXPERIENCE

PRODIGY EDUCATION

Mississauga, ON

DevOps Developer Intern

09/2020 – Present

- Automated toggling of alias record weights (via Golang) in AWS Route53 which saved 20 mins of manual work
- Created infrastructure monitoring to alert on failed helm releases which increased visibility by 100%
- Developed script using Cookiecutter which reduced time to create new Kubernetes namespaces by 25 mins
- Implemented Helm charts for 7 microservices which were approved for production cluster

ATLAS 365

Mississauga, ON

Software Developer Intern

07/2019 – 08/2019

- Led student developer team in prototyping consumer side application with WordPress, which resulted in prototype being approved for implementation
- Developed front-end of consumer side application with Angular, and used Google Firebase as backend database
- Deployed an Ethereum token on the Rinkeby test net with minting, transferring, and burning abilities
- Integrated OpenLaw API to transfer tokens to other users without having to log onto the Ethereum Blockchain

PROJECTS

RideShare | MERN STACK

04/2020 – 05/2020

- Developed a full-stack web application which allowed users to post rides offerings across campus
- Used MongoDB store ride, user, and rating information while using Mongoose to execute database queries
- Implemented user authentication by using JSON Web Tokens to verify users, and increased password security by using bcrypt to encrypt user passwords
- Integrated Redux as state-management tool to store authentication tokens, and make async calls to backend API

GIT GUD GAMERS

09/05/2019

- Developed a platform which predicated future gamer performance in team fight tactics using predictive analysis
- Used ReactJS with ChartJS to graph previous gamer performances and used Google Firebase to store login data

EDUCATION

University of Western Ontario

London, ON

Bachelor of Engineering Science

09/2017 – 05/2022

Major in Software Engineering

- Relevant Courses: Networking, Database Management Systems, Operating Systems, Software Construction, Algorithms and Data Structures, Software Design, Web Technologies, Software Requirements and Analysis