Vaid Saraswat

(416) 930-9291 | vaidsaraswat@gmail.com | linkedin.com/in/vaid-saraswat | vaidsaraswat.github.io

KEY SKILLS

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

WORK EXPERIENCE

Amazon Web Services (Simple Workflow Service)   **Vancouver, BC**
SDE Intern   **05/2022 – 08/2022**
- Created a dashboard mirroring tool using Python to request mirroring metrics in restricted regions
- System periodically, and automatically mirrored 5000+ operational metrics across all service dashboards
- Wrote unit tests using pytest to improve testing coverage to 80%

SDE Intern   **09/2021 – 12/2021**
- Developed an auto-scaling service using Java which automated the scaling of 5+ services
- Reduced time to scale from 5 mins to 2 mins and decreased overall operator effort to initiate scaling
- Improved scaling visibility by providing hourly updates to the operator regarding scaling progress

League   **Mississauga, ON**
Software Engineer Intern   **05/2021 – 08/2021**
- Wrote unit tests for NodeJS scripts using Jest which improved test coverage by 100%
- Implemented REST handler in Golang to register authentication messages in GCP pub-sub
- Designed login page, signup page, and email templates within Auth0 using HTML/CSS, and Liquid

Prodigy Education   **Mississauga, ON**
DevOps Developer Intern   **09/2020 – 04/2021**
- 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 a script using Cookiecutter which reduced the time to create new Kubernetes namespaces by 25 mins

PROJECTS

RideShare | MERN STACK
- Developed a full-stack web application that allowed users to post rides offerings across campus
- Used MongoDB to store ride, user, and rating information while using Mongoose to execute database queries
- Integrated Redux as a state-management tool to store authentication tokens, and make async calls to backend
- Leveraged JWT to verify users, and increased password security by using bcrypt to encrypt user passwords

GIT GUD GAMERS
- Developed a platform that predicted 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 – Present**
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