

Kyle Saburao

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Skills

Languages

Python, C/C++, Kotlin, Java, TypeScript, regex, Go, HTML / CSS

Technologies

git, React, Redux, Angular, Docker, Google Cloud Platform, REST

Procedures

Agile Development, Unit Testing, Feature Tracking, Prototyping

Work Experience

09/2021 – Present

SAP, *iXp Intern – Concur Travel Software Engineer*

- Developed web applications and prototypes front-to-back through a containerized React-Redux stack, accelerating new Concur Travel.
- Enhanced internal microservices by implementing features and configuring CI/CD actions to increase coverage of system architecture requirements.
- Created internal Chrome tools to optimize developer and support workflows.

01/2020 – 08/2020

NETINT Technologies Inc., *Co-op Firmware Engineer*

- Wrote automated SSD benchmarks through Python and industry tools such as fio to ensure long-term performance and reliability metrics are not violated by feature commits.
- Designed and created development toolchains through regex parsing to extract and reconstruct valuable controller data, post critical failure.
- Identified, reproduced, and reported issues found in NVMe, FTL, and transcoder Jenkins validation suites through Jira tickets.

Project Experience

03/2021 – 04/2021

COVID Report Tracker

- Created an Angular webapp that allows users to create and view COVID reports stored on an external document store database.
- Used APIs served from leaflet maps, Google reCAPTCHA & JavaScript Maps, and SFU REST services to provide core application functionality.
- Employed extensive use of Angular material design components to create an attractive user interface.

09/2019 – 12/2019

CRADLE VSA Support, *Lead Android Developer*

- Spearheaded class project Android development in Java to continue to meet new feature requirements of the customer.
- Created intuitive views for authentication, data collection and submission, which would greatly improve operations vs. current physical paper records.
- Collaborated with server team to develop a consistent client-server JSON data format among all architecture components.

Education

09/2017 - Current

Simon Fraser University

B.Sc. Software Systems, School of Computing Science

- 3.92/4.33 CGPA
- Dean's Honour Roll & Open Scholarship
- Activities & Societies: Software Systems Student Society, HackThe90's, Life Hacks, Hackademia