

RANVIR CHHINA

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WORK EXPERIENCE

Electronic Arts (Teksystems Contractor)

Quality Engineer 1

Vancouver, Canada

Feb 2021 - Present

- Helped to develop NodeJS framework to run E2E and Narrow Integration tests. Utilized 3rd party/internal gRPC APIs, created mock services and utilized NodeJS system libraries
- Investigated 3rd party APIs to implement tests for user flows which verify behavior of application when it interacts with other applications in Windows
- Increased coverage of ReactJS Jest tests, mocked components and hooks
- Writing Technical design Documents and Story Points estimation

Facebook (Infostar Contractor)

Software Engineer 1

Seattle, WA

April 2019 - July 2020

- Worked on Automation of Android and iOS apps in the Video Benchmarking Team
- Delivered weekly updates to test cases - incorporating new app updates, new metrics and fixing regressions
- Wrote a test suite which benchmarked video-upload scenarios across Facebook, Instagram, Snapchat, Dropbox, OneDrive, Youtube Android and iOS apps
- Wrote an algorithm to process video files (using python and ffmpeg) of test cases to detect action like user clicks with millisecond precision

HeadSpin

Software Engineer Intern

Palo Alto, CA

June 2018 - September 2018

- Created a python framework for writing test cases using HeadSpin RESTful APIs
- Test Cases written using framework could access any device based on a set of device features anywhere in the world on Headspin's device farm
- Created plugins to integrate HeadSpin device APIs to open-source external testing frameworks

EDUCATION

University of Washington

Bachelor of Arts Geography - Geographic Information Systems

Seattle, WA

2017 - 2022

Vivek High School

High School Diploma Non-Medical

Chandigarh, India

SKILLS

Programming Languages: Java, Python, Javascript
Frameworks: ExpressJS, ReactJS, NextJS, Django
Cross-Platform Solutions: Flutter
Database Engines: MySQL, PostgreSQL
Deployment: AWS, Gitlab, Github
Automation: Appium, WebdriverIO, Jest

PROJECTS

Tinder Clone *React Native, Tailwind, Google Auth, Firebase*

Built a Tinder Clone with Login Screen, Card Screen Profile Screen and with Matching Functionality

Timestamp Microservice *Javascript, NodeJS*

Created a RESTful API which returns timestamp from given date string

ClickSnap *Appium 2.0*

Created a plugin for Appium 2.0 which could be integrated into the appium server. Once installed, the plugin allows users to take screenshots and page dumps of view hierarchy at every click