Vikrant **Biswas**

SOFTWARE TEST DEVELOPER

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Summary

Vikrant is a Software Test Developer with 6+ years of experience specializing in Test Automation, System Administration, and Full Stack Development. He Have worked extensively on automation testing, performance testing, and feature testing as part of agile teams. He is proficient in test frameworks like Robot Framework, Selenium, Appium, Protractor, WebdriverIO and have done scripting in Python, and Typescript. Also Vikrant has good experience with CI/CD, integrating test automation into various stages of pipeline for validations. He can work independently from scratch on projects to understand the requirement and develop test plans.

Skills

DevOps	AWS, Docker, Kubernetes, Jenkins, Teamcity
Automation	Robot Framework, Selenium, Selenium Grid, Protractor, Puppeteer, WebdriverIO, Appium
Back-end	Express, Django, REST API
Front-end	Angular, React, Vue
Programming	Python, Typescript, Node.js, Rust, C
Tools	Jira, Silkcentral, Wireshark, Postman, Github, Gitlab, BitBucket, WTS, Citrix

Work Experience

Mitel Networks Co. *Bangalore, India*
SOFTWARE TEST ENGINEER *Aug. 2017 - Feb. 2023*

- Planed and developed end to end test plans and automations for Mitel's Connect platform, One web, and Cloudlink.
- Vikrant has written test plans in SilkCentral, and executed them to certify various products in various environment like combination of various version of widows, web browsers, virtual environment like WTS and Citrix, various Mobile phone models, etc. He has also onboarded and led new freshers joining the team in various QA projects.
- Has contributed to as well as setup test automation framework for various Mitel's Connect projects which included web applications, as well as desktop Electron applications. The tech stack for automation was using Robot Framework, and Teamcity as well as Jenkins for CI/CD, with custom test runner in Python, which was responsible for setting up the Selenium Grid, and distributing the tests to the available agents in parallel, and then consolidating the logs.
- Vikrant was the domain expert in the team for anything related to Python, selenium, and Robot framework.
- Has been part of test automation team for Mitels OneWeb, and Cloudlink projects, where he was instrumental in setting up multiple test environments, and initial project structure using Protractor, and WebdriverIO. He has also worked on Mobile Automation on both iOS, and Android using Appium for these projects. Vikrant have extensively used typescript for these projects.
- Working as part of a agile team, he was instrumental in helping clarify product design decisions from QA perspective, and making in-sprint automation of product features a success.
- Have build tools for performance testing jsSIP calls, multi-party video conferences, etc. using typescript, node-express, and puppeteer
- Have conducted various trainings to upskill QA teams on automation tools and technologies like Python language, Selenium, Robot Framework, Protractor, Puppeteer etc.

Endurance International Group *Bangalore, India*
HOSTING PRODUCT ENGINEER *Dec. 2016 - Aug. 2017*

- Was involved in pro-actively monitoring product's, service's and site's performance and analyze metrics. Worked to resolve customer issues across the product range involving DNS, SMTP, CPANEL, and other services
- He was able to automate a lot of repetitive maintenance tasks, and common fixes, for web hosting, and backup services using Python, and bash. These scripts were then used by the entire team which greatly increased the teams efficiency.

iSOKE Technologies *Bangalore, India*
SOFTWARE ENGINEER INTERN *May. 2016 - Dec. 2016*

- Developed application to load test network appliances with simulated traffic of various L2, L3, and L4 network protocols.
- Developed auto-scaling large-scale network traffic simulator, used to simulate multiple network topology and state.

Honors & Awards

Feb. 2022	**Finalist**, Mitel Global Shark Tank	*Global, Remote*
Oct. 2021	**1st Place**, Mitel India Hackathon	*Bangalore, India*
Feb. 2021	**4th Place**, Mitel Global Shark Tank	*Global, Remote*
Oct. 2020	**1st Place**, Mitel India Hackathon	*Bangalore, India*

Education

MAKAUT (Maulana Abul Kalam Azad University of Technology)

B. Tech. in Computer Science and Engineering

Kolkata, India

Aug. 2011 – Sept. 2015

- Participated in and won multiple coding competitions.

Extracurricular Activity

Advent of Code

Participant

Bangalore, India

Dec. 2017/2018/2019/2022

- 2019: Tried to learn Rust from basics while solving all the puzzles.
- 2018: Tried to learn Go-lang from basics while solving all the puzzles.
- 2017: Had fun trying to do visualization for all the puzzle solutions in JavaScript