

Soumith K

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Skills:

- Languages: Python, Groovy, Bash, C++
- Cloud: AWS, Azure, DigitalOcean, GCP
- Frameworks: PyTest, Playwright
- CI/CD: Jenkins, GitHub, GitHub Enterprise, GitLab Enterprise
- Tech: Rest API, WebSocket, TCP/IP, HTTPS, SMB, Firewalls, Proxy, DNS
- Virtualization: VMware, Docker
- Tools and OS: Terraform, TCPdump, Linux, MacOS, Windows
- Platforms: PyCharm, VS-Code, JIRA, Zendesk
- Storage: S3, NetApp

Professional Experience:

Senior Software Development Engineer In Test - [SentinelOne](#)

[May 2022 - Present]

- Developed and Executed Test Plans and Automation for AWS and Azure based security products.
- Leveraged Python and PyTest, and used docker for creating easier Nightly Tests for Rest APIs. Improved nightly success rate by around 20 percent in this process.
- Worked Extensively on the Playwright-based framework to develop UI automation.
- Developed automation scripts to setup and cleanup AWS Assets to create attack scenarios, completely reducing the time required to setup assets by 80 percent.
- Collaborated with cross-functional teams to improve product quality.
- Worked on reproducing various customer scenarios and setting up POCs for AWS, Azure and NetApp based products.
- Actively participated in setting up Jenkins pipeline to automate complete Nightly testing execution, reducing execution time by around 30 percent.
- Handled Release Validation, making sure to release stable builds every sprint. Paralelly also improved the Release process by reducing the time taken to release by 40 percent by automating the release environment setup.
- Rewritten Boto3 wrappers in internal libraries for S3, IAM, EC2, and many other components for easier usability in multiple cross-team builds and validations reduction in reused code of around 20 percent.

Software Development Engineer In Test - [Attivo Networks](#)

[July 2021 - April 2022]

- Planned and executed deployment testing of products in Multiple cloud and virtual environments not limited to AWS, Azure, and VMware.
- Planned and tested the migration of Attivo Cloud Platform's storage deployed in AWS from AWS EBS to AWS EFS, resulting in reduced costs of up to 35-40 percent and more performance.

- Created multiple POCs as per customer environments to improve product deployment scenarios, reduce the error rate, and improve waiting time in some scenarios by up to 30 percent.
- Attended Customer Calls to help sales and support teams with complex scenarios involving Azure setups.
- Created and Executed test plans for ThreatStrike, for inserting Lures.
- Created Automation scripts to generate Threat alerts, reducing the time taken to validate security products by 50 percent.
- Worked on manually testing decoy-based products namely BotSink.
- During acquisition by SentinelOne, facilitated seamless knowledge transfer between teams, ensuring integration and alignment of testing methodologies between organizations.

Education:

B.E., Computer Science and Engineering - [Nitte Meenakshi Institute of Technology](#)

[August 2017 - July 2021]

- Participated in various hackathons learning concepts of rapid POCs.
- Participated in various research projects in the area of DevOps and security.
- Participated in and organized various tech Quiz competitions and tech workshops.
- Runner Up in TCS Tech Bytes, Tumkur Regional Level 2019.