

Kaushik Sivaram

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EXPERIENCE

Software Engineer II

Jul. 2019 – Present

Amazon Development Center

Chennai, India

- Automation Test Framework Development for Echo Device Software
 - * Worked on building libraries to test and validate the behavior of device software for various scenarios.
 - * Learned and incorporated Object Oriented Designs Patterns like Observer-Notifier pattern, Decorator pattern, etc. in Python to solve automation challenges.
 - * Worked on identifying innovative solutions for solving automation test challenges.
 - * Learned about UI Automation testing tools like Appium and UiAutomator frameworks for Android/iOS automation.
- Software Configuration Management for Gen1 Echo Devices
 - * Worked on enhancing the build and release pipeline for Gen 1 Echo software
 - * Worked on automating the manual processes involved in the build and release pipelines to reduce human errors and to increase efficiency.
 - * Learned about SCM tools like Jenkins, Gerrit and AWS Opsworks
 - * Working on migration of Bare-metal infrastructure to AWS.
- Automated Ticketing System for Test Failures
 - * Worked on designing and implementing a service to file JIRA tickets for failures seen during automation test runs.
 - * Designed a micro-service architecture based solution to perform Jira reporting for the failures.

Software Engineer Trainee

May2019 – Jul2019

CODA Software Solutions.

Chennai, India

- Worked on building a website using Angular, HTML/CSS.

Software Engineering Intern

May2018 – Jul2018

Freshworks Inc.

Chennai, India

- Worked on building webapps to integrate third party apps such as TokBox, Intercom, etc. with Freshdesk to increase the productivity from within the helpdesk portal.

TECHNICAL SKILLS

- **Languages:** Python, Java, C/C++, Shell Scripting, HTML/CSS, JavaScript
- **Frameworks & Technologies:** AWS, Jenkins, Gerrit, MySQL, Git, NodeJs, Bootstrap, JQuery, UiAutomator, Appium
- **Areas of Interest:** Data Structure and Algorithms, Software Design Patterns, Problem solving

EDUCATION

SSN College of Engineering

Chennai, India

B.E in Computer Science , CGPA:8.32

Aug 2015 – May 2019