Govardhan Ummadisetty

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Professional Summary

Enthusiastic and meticulous QA Tester with over **3 years** of experience in both **Manual and Automated testing**. Demonstrated ability to identify and resolve bugs, enhance software quality, and streamline processes. Skilled in collaborating within Agile teams to ensure the delivery of top-notch software products. Continuously learning and adapting to new testing tools, methodologies, and industry trends to provide optimal testing solutions.

Experience

Infosys Limited, Technology Analyst   Banglore, KA
                                                                             Oct 2024 – present

- Built a tool using Appscript and Google Sheets to automate test reporting, saving significant time.

Infosys Limited, Senior Systems Engineer   Banglore, KA
                                                                             Jan 2023 – Oct 2024

- Automated few test cases for TV using Python and UI Automator, reducing testing effort by 40%.
- Developed a Python script to set up test environments, reducing setup time by 30% and streamlining ADB command usage.
- Trained and deployed AI models to predict relevant hotlists for issues, reducing the effort of bug triggers by 50% and improving issue-tracking efficiency.

Infosys Limited, Systems Engineer   Banglore, KA
                                                                             Dec 2021 – Jan 2023

- Conducted regression, smoke, and performance testing on both client and server-side for Google TV and Android TV, ensuring compliance with product requirements.
- Streamlined testing processes by shortening lengthy ADB commands using Bash, ZSH scripting, and unbricking test devices, with comprehensive documentation for team use.
- Innovated and documented a VPN setup in the router to facilitate cross-border testing, improving bandwidth by 80% compared to traditional methods and eliminating geo-restriction constraints.
- Designed templates to provide developers with required test data and included logcat outputs and error details for efficient debugging.
- Analyzed product requirement documents (PRD) to plan and design comprehensive test suites, enhancing test coverage and quality assurance.

Education

BTECH YSR Engineering of Yogi Vemana University, Electrical & Electronics Engg   Proddatur, AP
                                                                                       July 2018 – Sept 2021

- Worked on Solar MPPT (Maximum Power Point Tracking) using CNN.
- Worked as a part-time tester for Custom Rom android builds (AOSP).

Projects

Google TV & Android TV Testing   April-2022 – present

- **Client**: Google
- **Role**: QA Tester
- **Responsibilities**: Conducted regression, smoke, and performance testing on both client and server side for Google TV, Android TV, and Google TV mobile.
- Validated features such as Continue Watching, Gemini Integration, and Google Assistant & Search.
- **Devices Tested**: Google Chromecast 4K, Chromecast HD, Google TV Streamer, and Panel TVs like Sony, Hisense, and TCL.

Tools Created (other Projects)

Go Command Line Interface (GoCLI)   github.com/susmigo1210/gocli

- Built using Python, Which helps the QA Testers in filing bugs and adding comments. Reduced the bug logging time by 60%.
- Automatically collects the test data like bug reports, screenshots, and logcat which are required by the developers for debugging.
- **Supported Form Factors:** Phone, TV, Tablet, and Watch
- **Tools Used:** Python, shell scripting

Bug Report Extractor

- Created with Python, which parses the raw bug report and generates a new file with device details like build info, a list of packages with version names, and version code in a pretty tabular format.

Skills

Hard Skills: Manual & Automation testing, Log Monitoring and Analysis, Automating repetitive tasks.

Soft Skills: Attention to Detail, Problem-Solving, Communication Skills, Team Collaboration, Time Management, Adaptability & Proactive Mindset.

Technologies

OS: Mac OS, Linux, Windows.

Tools: Android Flash tool, QPST, Issue Tracker, Google Workspace.

Languages: Python, Javascript, Appscript.

Frameworks: UI Automator, Typer, Flet.

Awards & Recognization

- RnR Award 2024 from Infosys. For Developing the QA Assistant tool **GoCli**.
- RISE Award 2023 from Infosys. Recognized for creating the VPN setup.
- Insta Award 2023 from Infosys. Recognized for documenting the server side setup and Testing Process.
- Insta Award 2022 from Infosys. For writing the script to set up test environments.

Hobbies & Interests

- Building Tools and writing scripts using Python.
- Reading Dev articles and tutorials.
- Being an Audiophile.
- Playing desktop games.