

Charan Ravi

Software Development Engineer in Test

Bangalore, India · +91 8971297535 · contact@charanravi.com · [linkedin.com/in/r-charan/](https://www.linkedin.com/in/r-charan/) · github.com/charanravi-online · charanravi.com

PROFESSIONAL SUMMARY

SDET with over 3 years of hands-on experience in Tool Development, Automation for AI Models and Managed a 4 Member team.

Gained invaluable experience in testing (ISTQB Certified) and automating for webOS OSE, Apollo Project, Android, and Home Appliance & AirSolution domains at LG. Also an active contributor to the open source community on GitHub.

EXPERIENCE

2021-Present	LG SOFT INDIA <i>Software Development Engineer in Test</i> webOS OSE <ul style="list-style-type: none">Managed the allocation, coordination, and management of a team to successfully release webOS OSE v2.20.1, ensuring testing completion within established timelines and meeting 100% good quality standards.Implemented an automation framework using Selenium & Appium from scratch, that automates & tests the firmware updates to a number of products like Air Conditioner, Refrigerator, Washing Machine and Android devices providing 100% confidence in the Firmware Updates. AITs (AI Testing Solution) <ul style="list-style-type: none">Created and Enhanced the internal AI testing tool (AITs) which focuses on testing of the AI models such as ASR, NLP, TTS, ETWD etc and custom proprietary AI Engines increasing efficiency by 12%.Automated Tests for AI Models using tools such as Python, Jenkins & Jmeter hereby enabling tests to run in a continuous integration environment to ensure that AI models are functioning properly meeting the set standards.	Bangalore, India
--------------	---	------------------

PROJECTS (PERSONAL & GITHUB OPEN SOURCE CONTRIBUTIONS)

2024	WIKI <i>Wikipedia From Your Terminal</i> - https://charanravi.com/wiki-project <ul style="list-style-type: none">Developed, authored and an active maintainer of a Python-based CLI tool for searching and viewing Wikipedia articles from the terminal which can increase user efficiency by 30%.	
2023	BTC CONVERTER <i>A Simple BTC to Satoshi Converter</i> - https://github.com/bitkarrot/satsconverter <ul style="list-style-type: none">Contributed to the development of the "SatsConverter" at The Bitcoin Association of Hong Kong repository, which resulted in a 40% increase in user engagement.	

CERTIFICATIONS

2023	ISTQB FOUNDATION LEVEL <i>ISTQB International Software Testing Board</i> Credential ID: CTFL-126241 India	
2023	PYTHON <i>HackerRank</i> Credential ID: dfa000422e2e	
2023	WEB DEVELOPMENT COHORT <i>100xDevs</i> Credential ID: hwjgvfbwp	

TECHNICAL SKILLS

Languages: **PYTHON, Go, HTML, CSS, JAVASCRIPT**

Tools: **JENKINS, GIT, GITHUB, FIREBASE, JMETER, POSTMAN, DOCKER, BASH, LINUX**

Frameworks: **APPIUM, SELENIUM, PYTEST**

Software Methodologies: **AGILE SOFTWARE DEVELOPMENT PRACTICE**

EDUCATION

2018-2021	MS RAMAIAH COLLEGE OF ARTS, SCIENCE & COMMERCE <i>Bachelors in Computer Application (8.7 SGPA)</i>	Bangalore, India
-----------	--	------------------

OTHERS

Awards	PULL SHARK <i>Awarded "Pull Shark" and "Quickdraw" by GitHub for submitting high-quality pull requests demonstrating strong collaboration skills within the open source community and resolving a bug within 5 minutes of opening.</i>	
Interests	AI, OPEN SOURCE, MUSIC COMPOSITION, DATA STRUCTURES & ALGORITHMS	

