

# R Charan

Automation Engineer | Django Full Stack Developer

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## PROFESSIONAL SUMMARY

Passionate Full Stack Developer with over 2 years of hands on experience in Tool Development and Automation for AI Models. Gained invaluable experience in testing (ISTQB Certified) and automating for webOS OSE, Apollo Project, and Home & Appliance domains at LG. Also an active contributor to the open source community on GitHub.

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## EXPERIENCE

2021-Present **LG SOFT INDIA**

Bangalore, India

### *Software Test Engineer*

- Spearheaded the allocation, coordination, and management of a team to successfully release [webOS OSE v2.20.1](#), ensuring testing completion within established timelines and meeting all quality standards. Identified, fixed, and verified resolution of 20 bugs (100% bug fix rate).
  - Automated Test Cases for LG Home Appliances.
  - Contributed to the Development and Enhancement of 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.
  - 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.
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## PROJECTS (PERSONAL & GITHUB CONTRIBUTIONS)

2023

### **TERMINAL WIKI**

*Wikipedia From Your Terminal*

- Developed a personal Python-based CLI tool for searching and viewing Wikipedia articles from the terminal, utilizing the Wikipedia API for efficient article retrieval.
- GitHub - <https://github.com/charanravi-online/terminal-wiki>

2023

### **BTC CONVERTER**

*A Simple BTC to Satoshi Converter*

- Contributed to the development of the "SatsConverter" at The Bitcoin Association of Hong Kong repository, which resulted in a 40% increase in user engagement.
- Fixed several bugs that improved the overall stability and performance of the [website](#).
- GitHub - <https://github.com/bitkarrot/satsconverter>

2024

### **CONSUME**

*Python script to consume memory*

- Consume is a python script which when run, performs a complex RAM hungry calculation.
  - It is a fun project that shows the capabilities that python has for educational purposes.
  - GitHub - <https://github.com/charanravi-online/consume>
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## CERTIFICATIONS

2023

### **ISTQB FOUNDATION LEVEL**

*ISTQB International Software Testing Board* | Credential ID: CTFL-126241 India

2023

### **PYTHON**

*HackerRank* | Credential ID: dfa000422e2e

2023

### **WEB DEVELOPMENT COHORT**

*100xDevs* | Credential ID: hwjgvfbwp

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## TECHNICAL SKILLS

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

Tools: **JENKINS, GIT, GITHUB, FIREBASE, JMETER, POSTMAN**

Frameworks: **DJANGO**

Software Methodologies: **AGILE SOFTWARE DEVELOPMENT PRACTICE**

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**EDUCATION**

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

Awards	<b>PULL SHARK</b> <i>Awarded "<a href="#">Pull Shark</a>" by GitHub for submitting high-quality pull requests and demonstrating strong collaboration skills within the open source community.</i>
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Interests	<b>AI, OPEN SOURCE, MUSIC COMPOSITION, DATA STRUCTURES &amp; ALGORITHMS</b>
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