

# R Charan

Results-Driven Embedded Software Test Engineer with a Passion for Learning and Developing Skills in AI and Data Science

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🌐 [charanravi-online.github.io/](https://charanravi-online.github.io/)

🐙 [charanravi-online](https://github.com/charanravi-online)

in [r-charan](#)

Experienced Embedded Software Test Engineer skilled in manual and automated testing. Proficient in Python programming with an interest in AI, machine learning, and data analysis. Thrives in challenging environments and seeks to use technical skills to drive innovation and achieve business objectives.

## WORK EXPERIENCE

### LG Soft India

(October 01, 2021 - Present)

Software Test Engineer

- Spearheaded the allocation, coordination, and management of a team to successfully release [webOS OSE v2.20.1](#), ensuring project completion within established timelines and meeting all quality standards.
- Contributed to the development of a comprehensive and clear test case for smoke testing on the Apollo project, resulting in more efficient and effective testing and overall project success.

🔗 <https://github.com/webosose/build-webos/>

## PROJECTS

### Terminal-Wiki

Wikipedia from your Terminal.

- Developed a Python-based CLI tool for searching and viewing Wikipedia articles from the terminal, utilizing the Wikipedia API for efficient article retrieval.
- Designed an intuitive UI with summary-only mode for quick reference, showcasing problem-solving skills and attention to detail.
- Collaborated with community members by accepting contributions and actively addressing issues raised in the project's issue tracker, demonstrating teamwork and communication skills.

🔗 <https://github.com/charanravi-online/Terminal-Wiki>

### BTC Converter

A Basic Bitcoin to Fiat converter

- Contributed to the development of the "SatsConverter" repository on GitHub, a Python-based CLI tool for converting Bitcoin amounts between satoshis and standard BTC units.
- Demonstrated strong UX design skills by developing a simple and intuitive user interface that allows for quick and easy conversions.
- The project is deployed and is available at - <https://rates.bitcoin.org.hk/>

🔗 <https://github.com/bitkarrot/satsconverter>

## LANGUAGES & TOOLS

### Frameworks

- Django
- Flutter
- Hugo
- Selenium
- Flask

### Languages

- Python
- Bash
- HTML/CSS
- Dart
- JavaScript
- C & C++

### Tools

- Jenkins
- Firebase & MySQL
- Git
- Linode
- Azure
- Notion
- FL Studio & Ableton

### OS

- Windows 10 & 11
- Ubuntu V22
- Arch Linux V6
- Raspberry Pi OS
- webOS OSE

EDUCATION

MS Ramaiah College of Arts, Science and Commerce  
Batchelor's Degree in Computer Applications, Computer Science  
<https://www.msrmc.edu.in/>

(August 08, 2018 - July 08, 2021)  
8.7

SOFT SKILLS

Leadership

- Collaboration
- Communication

Creativity

- Critical Thinking
- Visual Thinking

Problem Solving

- Data Structures & Algorithms

Organization Skills

- Work Ethic
- Enthusiasm
- Supervision

AWARDS

Pull Shark  
GitHub

(May 05, 2023)

Certified "Pull Shark" by GitHub for submitting high-quality pull requests and demonstrating strong collaboration skills within the open-source community.  
<https://github.com/users/charanravi-online/achievements/pull-shark>

CERTIFICATIONS

Crash Course on Python  
Coursera  
<https://coursera.com>

Software Engineering for Data Scientists  
Codecademy (In Progress)  
<https://www.codecademy.com/learn/paths/software-engineering-for-data-scientists>

Build Python Web Apps with Django  
Codecademy (In Progress)  
<https://www.codecademy.com/learn/paths/build-python-web-apps-with-django>

Microsoft Azure AI Fundamentals  
Microsoft (In Progress)  
<https://learn.microsoft.com/en-us/certifications/exams/ai-900/>

INTERESTS

Machine Learning & AI  
Ethical AI to help humanity

Building/Contributing to OpenSource projects  
Open Source is the future!

Tech News  
Keeping myself up to date with the latest Tech

Music Composition  
Compose/Produce music and scores