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/

⭘ 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	Languages	Tools	OS
Django	Python	Jenkins	Windows 10 & 11
Flutter	Bash	Firebase & MySQL	Ubuntu V22
Hugo	HTML/CSS	Git	Arch Linux V6
Selenium	Dart	Linode	Raspberry Pi OS
Flask	JavaScript	Azure	webOS OSE
	C & C++	Notion	
		FL Studio & Ableton	

EDUCATION

MS Ramaiah College of Arts, Science and Commerce (August 08, 2018 - July 08, 2021)
Batchelor's Degree in Computer Applications, Computer Science   8.7
🔗 https://www.msrcasc.edu.in/

SOFT SKILLS

Leadership	**Creativity**	**Problem Solving**	**Organization Skills**
• Collaboration	• Critical Thinking	• Data Structures & Algorithms	• Work Ethic
• Communication	• Visual Thinking		• Enthusiasm
			• Supervision

AWARDS

Pull Shark (May 05, 2023)
GitHub

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