

MALATHESH K

Bengaluru India | 8197455862 | malathesh.k28@gmail.com

Summary

Results-driven Software Engineer with expertise in Python development, test automation with Pytest, and Linux. Proven ability to enhance user experience and streamline processes through automation. Solid background in debugging, object-oriented programming, and version control. Experience in developing TUI and GUI applications while automating testing processes to improve efficiency and reliability.

Skills

- Python development and scripting
- Test automation(Pytest)
- Object-oriented programming
- Linux proficiency
- Embedded software and testing
- Version control (Git, GitHub)
- GitHub Copilot
- Debugging skills
- User interface design
- Yocto build management

Experience

SOFTWARE ENGINEER | 02/2022 - Current

Tessolve - Bengaluru, India

- Developed TUI and GUI applications using Python, enhancing user experience.
- Developed Tools and applications using Python, enhancing productivity with less time.
- Developed unit testing with pytest, ensuring software reliability.
- Fixed existing pytest code to improve test coverage.
- Participated in Yocto build activities for customized Linux distributions.
- Conducted embedded testing to validate hardware-software integration.
- Automated manual testing processes with Python scripts, increasing efficiency.
- Utilized GitHub Copilot to accelerate application development.
- Experienced with Linux environment.
- Troubleshooting and debugging Python code.
- Experienced in using tools like Git, Github, Visual Studio, Mobaxterm, Co-pilot.

SOFTWARE ENGINEER | 11/2021 - 02/2022

Vegam Solutions - Hubli, India

- Developed automation tool using Python Tkinter, enhancing functionality and usability.
- Implemented features in Python to optimize performance and efficiency.
- Authored Python unit test cases utilizing unittest and pytest frameworks.
- Modified Python test scripts for comprehensive result analysis and reporting.
- Executed IoT testing with Raspberry Pi, Rock Pi, and Compulab devices.
- Conducted hands-on testing to ensure reliability of IoT applications.

SOFTWARE ENGINEER | 01/2018 - 06/2020

Mphasis Ltd - Bengaluru, India

- Developed Python scripts to verify application functionality.
- Utilized Python Selenium for effective test automation.
- Employed version control systems, including Git, for code management.
- Leveraged tools such as Visual Studio and PyCharm for software development.

Education and Training

SDM College of Engineering And Technology - Dharwad, India | Bachelor of Engineering

Information Technology, 06/2017

Certifications & Licenses

- Python Certification from Hackerrank (<https://www.hackerrank.com/certificates/3cb85ae08749>)
- Python Object Oriented Programming from Linkedin (https://www.linkedin.com/learning/certificates/f662094501306404be5a6dc62269711e6f1b9e0d70335d5a890efc1a881ba80e?trk=backfilled_certificate)
- Python Programming from Linkedin (https://www.linkedin.com/learning/certificates/f239eb13c25e94b251b8a5db112d13b9f088f3df7e390235ab5a322fb7d4587f?trk=backfilled_certificate)
- Delivery Readiness Program at Mphasis Learning Academy

Awards & Honors

- Quarterly Recognition Award for On-time Quality Delivery. - Tessolve
- The Summit Individual Award - Mphasis

Websites & Social Links

- https://www.hackerrank.com/profile/malathesh_k28
- <https://www.linkedin.com/in/malathesh-k-b1012912b/>
- <https://github.com/MalatheshK/>