Meherish Manchala

Sai nagar, Sircilla, Telengana, 50501

7989599936 | manchala.meherish1524@gmail.com

🌐 https://github.com/meherish1524

in https://www.linkedin.com/in/manchala-meherish-
ab63761a5

Summary Of Qualifcations (Knowledge & Skill Areas)

- Around 4 years of experience in Python Automation Development and Testing in Networking.
- Proficient in L2/L3 protocols, TCP/IP, Traffic Generators, Linux, and Windows platforms..
- Strong expertise in Python (datatypes, slicing, functions, OOP, decorators, trees, maps, lambda functions, etc.).
- Hands-on experience with LTE automation, Pico cell, and NIC automation

Tools & Technology Expertise

- Programming Languages: Python, Java, C, C++
- Operating Systems: Windows 10, Ubuntu, macOS
- Technologies & Frameworks: Pytest, Multithreading, Selenium, Machine Learning, AWS, Angular, JS
- Version Control: Git
- Databases: MySQL, SQLite, Oracle
- Other Tools: Docker, GitLab, Jenkins, JIRA, Happy Framework, HTML, CSS, PHP

Experience

- **Beyondsoft**   May 2023 – July 2025
  - Test Automation Lead
  Client: **Broadcom**/ VMware Velocloud (SD-WAN)

    - Led automation testing for various SD-WAN features using Pytest and Happy Framework.
    - Worked on VPN, VCMP, BGP, DHCP, and several other networking features.Automated 120+ test cases and manually verified 200+ test cases....
    - Worked LTE automation, Pico LTE/ 5g Automation and NIC automation.
    - Optimized LTE recovery mechanisms reducing failure rates by 40%.
    - Acted as a Lead Engineer, mentoring team members and supporting Happy Framework automation.

- **Harman Connected Services**   May 2021 – May 2023
  - Software Engineer
  Client: **VMware Velocloud** (SD-WAN)

    - Developed automation for networking features like VPN, VCMP, BGP, DHCP, DNS, Firewall, and HA.

- Automated 120+ test cases and performed manual testing for multiple releases.
- Conducted interop upgrades on the Woodford release.
- Promoted from Associate Software Engineer to Software Engineer within a year.
- Mentored new employees on automation framework and test execution.

- **TA Digital**   Feb 2021 - May 2021
  – Frontend Designer/Intern
  - Designed static frontend pages for an online shopping cart.
  - Implemented event handling using JavaScript.
  - Managed multiple database tables for sales, orders, customers, and feedback.

Cloud & Virtualization Expertise

- *AWS*: Experience with EC2, S3, Lambda, VPC, and CloudFormation for automation.
- Familiar with *Azure* Virtual Machines, Storage Accounts, and Networking for cloud-based deployments
- *Docker & Kubernetes*: Experience with containerization, orchestration, and CI/CD pipelines.
- *VMware Cloud Services*: Experience with VMware SD-WAN, NSX-T, vSphere, and vCenter for network automation.

Internship

- *The Spark Foundation* – Feb 2021 – Mar 2021
  Full Stack Developer (Intern) – Banking Application System

  - Developed templates for different account types and structured customer data.
  - Backend scripting support using Python Flask and SQLite.

- *Dhanush Info Tech* – Sept 2020 – Dec 2020
  Asset Engineer (Intern) – Asset Management System

  - Developed UI templates for user management, asset tracking, and inventory management.
  - Managed the supply chain process from purchasing to end sales.

Education

- **Srinidhi institute of science and technology**   2017-2021
  BTech
  8.4

- **Sri Chaitanya**   2015-2017
  Intermediate
  94%

- **Siddharth English medium high school**   2015
  School
  8.8

Projects

- **Predictive Analysis of Supermarket Sales**
  Tech Stack: HTML, CSS, JavaScript, MySQL, Python Django
  Developed an effective shopping mart system for sales prediction.
  GitHub: https://github.com/meherish1524/majorproject

- **Online Doctor Appointment System**
  Tech Stack: HTML, CSS, PHP, Bootstrap, JavaScript, Flask
  Created a doctor-patient appointment scheduling model.
  Project Link: http://www.sreeshreyas.c1.biz/

- **Maze Game**
  Tech Stack: Python Tkinter (GUI), Flask
  Designed an auto-generated maze game for two players.
  GitHub: https://github.com/meherish1524/mazeapp

Achievements & Awards

- Machine Learning & Python Certification – Stanford (Coursera)
- Hackathon Participation – Machine Learning (Pro Doctor Application)
- Highest Performer in Python – Start Club
- HackerRank Certifications: Python, Problem Solving, C, Java, SQL
- Five-Star Badge in Problem Solving (HackerRank) – Ranked in the top 30K globally

Publications

- **Predictive analysis of supermarket sales**
  Presented & published in IJRBAT

Soft Skills

- Highly adaptable, quick learner, and proactive problem solver with experience in mentoring teams and leading automation projects.
- Experience as an Organizer, Team Lead, Mentor, and CR

Languages

- English, Telugu, Hindi