

YEDDULA SIVAIAH

Lead Tech Test Engineer, Vertiv

Experience: 4 Years

LinkedIn: <https://www.linkedin.com/in/yeddula-sivaiah-32136a305/>

GIT Repo: <https://github.com/sivayy/scripts>

Portfolio: https://sivayy.github.io/Sivaiah_Portfolio/

Phone: 6301261188, 7093104863

Email: shivayr1234@gmail.com

Address: Viman Nagar, Pune.

Current CTC: 8.25LPA

Professional Summary:

JAN 2022 – Present

Experienced Engineer with a strong background in Linux-based automation, shell scripting, and test environment management across enterprise applications. Skilled in Bash and KSH scripting for application installation, configuration, test data preparation, and environment setup. Hands-on experience with Docker for application containerization and CI/CD pipeline support, along with monitoring and performance analysis using Prometheus and Grafana. Proficient in SQL, system troubleshooting, and collaborating with product, development, and QA teams to ensure reliable and high-quality software delivery, including BFSI-grade systems.

SKILLS:

Operating Systems: Linux, Unix, AIX & Windows;

Scripting Languages: Shell Scripting Bash & Ksh, Python;

Databases: DB2 SQL, PostgreSQL, mongoDB;

Containers & DevOps: Docker, CI/CD Pipelines

Testing & Planning: UTR Planning, Requirement Analysis, Design Test cases, System & Performance Testing;

Web Technologies: HTML, CSS;

Tools: IntelliJ, Postman, GIT, Bitbucket, Wireshark, Monitoring Tools, ChatGPT, Tabnine;

Network: TCP/IP, DNS, SNMP, https, SSH, FTP, nc, telnet;

Storage Subsystems: LVM;

TOOLS:

Development & IDE: IntelliJ, PyCharm, VS Code;

File Transfer: FileZilla;

Automation: Automation as a Service, Jenkins;

Monitoring & Alerts: Datadog, Grafana, Prometheus, BigPanda, Wireshark;

IT Service Management: ServiceNow (SNOW), JIRA, Rally, TCloud;

API Testing: Postman;

AI-Assisted Development Tools: ChatGPT, Tabnine;

Professional Experience:

L&T Construction B&F IC

Graduate Intern Trainee

SEP 2021 – NOV 2021

Project: Prestige Finsbury Park Residential Housing Project

Key Responsibilities:

Conducted thorough checks on reinforcement alignment and placement as per BBS diagram specifications.

Verified and ensured accurate alignments and elevations of shuttering to guarantee quality and precision in construction.

Core Takeaways:

- Acquired comprehensive hands-on experience across multiple departments, fostering a deeper understanding of construction project management.
- Gained exposure to cutting-edge construction practices and complex challenges, enhancing problem-solving skills and industry knowledge.

Tata Consultancy Service

System Engineer

JAN 2022 – SEP 2024

Projects:

- Commercial L2 Operations Team, Equifax Inc
- CMOD-DCM, JPMC

Key Responsibilities:

- Provided 24/7 production support through rotational shifts, ensuring high system availability and quick resolution of technical issues.
- Monitored systems using Datadog and ServiceNow for incident, problem, and change management.
- Analysed and enhanced shell scripts to meet evolving business requirements.
- Developed and deployed automation scripts for archive services using Jules Pipeline across UAT and PROD environments.
- Prepared Unit Test Reports and ensured smooth operations through rigorous testing.

Technical Expertise:

- Operating Systems: Linux, Unix, AIX, Windows
- Scripting: Bash, KSH, Perl
- Tools: ServiceNow, Datadog, Postman, PagerDuty, IntelliJ, FileZilla
- Other: SQL, Crontab, Networking, AAA Services

Achievements:

- Optimized system performance and ensured high availability through technical expertise.
- Received numerous appreciations and awards internally, as well as from clients, in recognition of dedication and hard work
- Successfully drove the success of Archive services despite short tenure on the project

Lead Tech Test Engineer (Vertiv Energy Private Ltd)

FEB 2025 – FEB 2026

Project: Smart Infra

Key Responsibilities:

- Configure and manage test environments with test data using **Python, Bash, and AI tools**.
- **Containerize applications using Docker** for consistent environments.
- Set up **Grafana** and **Prometheus** for performance monitoring in test environments.
- Verify environment performance and ensure system stability.
- Automate software installation and uninstallation processes using **Bash scripting**.
- Analyse user requirements and design effective test cases.
- Review developer design documents to ensure alignment with testing objectives.

Technical Expertise:

- Linux, PostgreSQL, MongoDB, GIT, System Testing, API Testing, Performance Testing & Functional Testing
- Scripting Languages: BASH, Python & SQL
- Figma, T Cloud, Rally, Postman, Pycharm, VS code, Grafana, Prometheus, Tabnine, ChatGPT

Achievements:

- Analysed business logic and requirements to ensure seamless system functionality.
- Built end-to-end test environments using **Python, Bash, and AI tools**.
- Dockerized applications to improve environment consistency and deployment speed.
- Automated software install/uninstall and VM monitoring with custom bash scripts.
- Generated performance statistics and reports to optimize system efficiency and troubleshooting.

Education:

Btech

2017 - 2021

Graduated with a Bachelor of Engineering in Civil Engineering from Sri Venkateswara College of Engineering & Technology, achieving a CGPA of 7.8. Also **Qualified GATE** in 2024 with a score of **408**

Achievements:

Awarded the "**On The Spot Award**" for exceptional dedication and performance.

Recognized as "**Xcelerate Warrior**" for outstanding hard work and timely task completion.

Received the "**Applause Award**" for demonstrating leadership, teamwork, and helping the team excel.