

YEDDULA SIVAIAH

**Lead Tech Test Engineer, Vertiv**

Experience: 4 Years

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

**GIT Repo:** <https://github.com/sivavy/scripts>

**Portfolio:** [https://sivavy.github.io/Sivaiah\\_Portfolio/](https://sivavy.github.io/Sivaiah_Portfolio/)

**Phone:** 6301261188, 7093104863

**Email:** [shivayr1234@gmail.com](mailto:shivayr1234@gmail.com)

**Address:** Viman Nagar, Pune.

**Current CTC:** 8.25LPA

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**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.