NARRAVULA SIVA LAHARI

P +44 7352664414

E narravulasivalahari@gmail.com

A SG13AH, UK

L linkedin.com/in/narravula-siva-lahari96b66636a

OBJECTIVE

Cyber Security Master's student with hands-on experience in cloud support, automation testing, and Java-based development. Skilled in Selenium, BDD Cucumber, GCP services, SQL Server, and Python. Experienced in troubleshooting cloud environments, executing automated test suites, and ensuring system reliability. Strong technical problem-solving abilities with a focus on security, performance, and scalability.

EXPERIENCE

Cloud Support Intern | Prime One Global (Remote) | Nov 2025 – Jan 2025

- Supported the monitoring, maintenance, and troubleshooting of multi-cloud environments across AWS, Azure, and Google Cloud. Assisted with deployment and configuration of compute, storage, and network resources while ensuring system reliability and security compliance. Documented technical procedures and incident resolutions, contributing to process optimization and operational efficiency.
- Hands-on experience with EC2 management, AMIs, Elastic IPs, LightSail deployments, web server setup (Apache/Nginx), and basic Auto Scaling and Load Balancing concepts

Coder | Omega Healthcare, Bangalore, India | May 2024 – Sep 2024

Performance Monitoring: Regularly monitor the performance of software tools to ensure they meet the required performance metrics. Research: Stay updated with new developments in coding languages, frameworks, tools, and technologies to ensure the team is using the best and most efficient solutions.

- Tool Evaluation: Regularly assess existing tools to determine if there are better alternatives, ensuring the tools used are up-to-date and relevant.
- Engaged in peer code reviews and mentoring sessions to promote best coding practices and team development.

Project Engineer | Wipro Technologies, Bangalore, India | Mar 2023 – Sep 2023 Led a team of engineers in the successful completion of a cutting-edge technology project under budget and within scope.

- Utilized practical and creative problem-solving skills to address complex project challenges.
- Demonstrated a strong commitment to project goals, ensuring tasks were completed before deadlines with high quality.
- I've tested the website using the Selenium functional testing tool, and I have run over 50 test cases. I have tested the website using automation with Java, Maven, BDD Cucumber, and Jenkins.
- Automated Testing: Implement automated tests to ensure the functionality and stability of tools or technologies used.
- Quality Control: Ensure that the tools and technologies being used comply with internal standards and quality expectations.

GCP Cloud Intern | Wipro Technologies (Remote) | Nov 2022 – Jan 2023

I have completed as a designated Project trainee under the guidance of "Katari Nirmala" with the project entitled "Velocity – Cloud – GCP" with a Project Completion Certificate.

EDUCATION

- [**University Of Hertfordshire, HatfieldUK**] – Master's in **CYBER SECURITY** – Sep 2025 – Present
- [**Sri Venkateswara Engineering College, Tirupathi – INDIA**] – Bachelor's in **INFORMATION TECHNOLOGY** – Jun – Jul 2022

KEY SKILLS

- SELENIUM FUNCTIONAL TESTING
- JAVA & PYTHON PROGRAMMING
- GCP CLOUD KNOWLEDGE (AWS & AZURE EXPOSURE)
- SQL SERVER & DATABASE HANDLING
- BDD CUCUMBER FRAMEWORK
- APPLICATION CONFIGURATION & TESTING
- SECURITY OPERATIONS & ACCESS CONTROL

CERTIFICATIONS

- Java Full Stack + GCP – RPS Consulting
- IBM Certified Python
- Introduction to Cybersecurity – CISCO
- ISC2: Security Principles, Incident Response, Business Continuity, Disaster Recovery, Access Control Concepts

PERSONAL PROJECTS

PROTECTING PRIVATE DATA USING HONEY ENCRYPTION ALGORITHM

Objective: Reduce vulnerabilities to brute-force attacks caused by weak and repeated user passwords.

Description:

Developed a Python-based honey encryption system that generates realistic decoy data when incorrect keys are used, making brute-force attacks computationally ineffective. Implemented password-based key derivation, symmetric encryption (AES), secure random generation, and hashing techniques to enhance password security and protect sensitive user information.

Skills & Technologies: Python, Honey Encryption Algorithm, AES, PBKDF2, Hashing (SHA-256), Secure Random (secrets), Cryptographic Key Derivation**.**

BUS RESERVATION SYSTEM (JAVA|HTLM|CSS|JAVASCRIPT|SQL)

Developed a full-stack web application for online bus ticket booking with features such as user registration, seat selection, reservation management, and booking history. Built the backend logic using Java, implemented the frontend with HTML, CSS, and JavaScript, and used SQL Server for data storage and retrieval. Ensured smooth user interaction, real-time seat updates, and secure data handling.

Skills & Technologies: Java, HTML, CSS, JavaScript, SQL Server, Web Application Development.

NOPCOMMERCE APPLICATION TESTING(MANUAL & AUTOMATION)

Performed end-to-end testing of the NopCommerce web application using both **manual testing** and **automation tools**. Designed and executed test cases, identified defects, and validated functionality across UI, login, product management, and checkout modules. Automated test scenarios using **Selenium WebDriver**, **Java**, **Maven**, **BDD Cucumber**, and integrated CI execution through **Jenkins**.

Skills & Tools: Manual Testing, Selenium WebDriver, Java, Maven, BDD Cucumber, Jenkins, Test Case Design, Functional Testing.

- CREATIVE PROBLEM-SOLVING
- PROJECT MANAGEMENT & LEADERSHIP
- INCIDENT RESPONSE & RECOVERY STRATEGIES

AWARDS

- BEST LEARDERSHIP AWARD
- STUDENT VOLUNTEER AWARD
- NATIONAL SERVICE SCHEME MEMBERSHIP AWARD

INTERESTS

- SWIMMING
- TRAVELLING
- TECH MENTOR
- LEADERSHIP
- DRAWING