**Associate Name: Akhil Mylaram**

**Mobile Number: +917702361461**

# **Professional Summary**

* Overall, 3+ years of experience across roles including EDI Analyst, Python Developer, and Testing Engineer. Additionally, extensive experience in Automation, DevOps, and CI/CD practices with a strong focus on improving operational efficiency and deployment processes.
* Monitoring and Resolving the Production Failures in IBM Sterling Supply Chain Business Network
* Monitoring and resolving the Commerce Hub Failures and vendor central Failures.
* Clear understanding on EDI Mappings thus resolving the production Failures.
* Hands on Knowledge on Web designing, Java, python, SQL.
* A Broad Understanding on Object Oriented Programming.
* Knowledge on web python frameworks Django and Flask.
* Utilized AWS services to deploy applications on EC2 instances, showcasing expertise in configuring and managing cloud infrastructure for optimal performance and scalability.
* Clear understanding on Bash Scripting to automate the tasks
* Proficient in the foundational aspects of Docker, encompassing container creation, image building, and container management. Skilled in using Docker to encapsulate applications and their dependencies, simplifying deployment and ensuring consistency across different environments.
* Skilled in writing Ansible playbooks and roles to automate infrastructure provisioning and configuration management, optimizing tasks and reducing manual intervention.
* Experienced in deploying, managing, and scaling containerized applications using Kubernetes, including setting up and configuring clusters, and managing resources such as pods, services, and deployments. Skilled in utilizing Helm charts for application deployment, implementing CI/CD pipelines, and ensuring robust monitoring and logging with tools like Prometheus.
* Proficiently orchestrated CI/CD pipelines with Jenkins, integrating version control and automating build, test, and deployment processes, while leveraging Docker for efficient containerization and Kubernetes for Container orchestration, deployment and management.
* Skilled in using Terraform for Infrastructure as Code (IaC) to automate provisioning and management of cloud resources across providers like AWS Experienced in writing, testing, and maintaining Terraform configurations, leveraging modules, and integrating with CI/CD pipelines for seamless infrastructure management.
* Familiar on Git for version control and GitHub for code management. Creating repositories and managing pull request, Push. Branching, merging and resolving conflicts.

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**Current Role:**  Testing Engineer  **Current Designation:** Software Engineer-App Dev

**Primary Skills:** AWS, Jenkins, Docker, Ansible, Kubernetes, Bash scripting, Git & Git Hub

**Secondary Skills:**  Terraform, Maven, EDA, python

# **Technical Profile**

**Technical Skills:**  Docker, Kubernetes, Jenkins, Ansible, Terraform, Python, Shell Scripting, Linux, Understanding of Microservices, Git & Git Hub

**Relational and Non-Relational Databases**: MYSQL, SQL Server

**IDEs:** IntelliJ Idea , Eclipse, PyCharm, MySQL Workbench

**Cloud Computing**: AWS (Amazon Web Services)

**Version Control**: Git & Git Hub

**CI/CD**: Jenkins, AWS DevOps.

**SDLC Methodologies**: Dev Ops, Agile

**Additional Skills**: Problem-solving abilities, troubleshooting skills , Strong communication skills.

# **Educational Profile**

Bachelor of Technology in Information Technology from Bharath Institute of Engineering and Technology, Hyderabad in 2020

# **Certifications**

AWS Cloud Quest : Cloud Practitioner Certificate.

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**Key Responsibilities**

* Analyzed and managed electronic data interchange (EDI) processes using IBM Sterling B2B Integrator for seamless data integration and communication.
* Coordinated with vendors and utilized platforms such as SAP S4 Hana, Vendor Central, and Commerce Hub to support Greenworks Tools’ distribution network.
* Developed and maintained Python scripts for automating common upgrade tasks, including schema upgrades and domain reconfigurations in Oracle Upgrade Assist Tool.
* Executed automated testing using the Cloud Tester platform, supporting simplified test cycle management, automation, and execution.
* Executed device activations using various modes such as web, IVR, and TAS for multiple brands and carriers, ensuring seamless operation across different platforms.
* Conducted various types of test cases in APT and CC device testing, resolved issues, documented every test case performed, and ensured timely submission of assignments before deadlines.

# **Professional Experience**

**Project #1** Greenworks Tools

XXXX Sunera Technologies Inc, India

**EDI Analyst** oct-2021 to dec-2022

**Contribution:** Analyzing

**Description**: Greenworks Tools is the industry leader in battery-powered outdoor power tools for DIY-consumers and landscaping professionals! The company distributes Greenworks branded and private label products for an extensive network of Original Equipment Manufacturers. With a robust line of Greenworks branded products including 24-volt, G-MAX 40-volt, 60-volt, 80-volt, and commercial grade 82- volt battery-powered outdoor power equipment, as well as a full line of corded equipment and power tools, Greenworks offers the right tool for every job. Utilizing best- in-class technology, Greenworks tools deliver the power and performance of comparable gas-powered tools without the mess, fumes, aggravating pull cords and noise associated with gas products.

**Environment**: IBM Sterling B2B integrator, SAP S4 Hana, Vendor Central, Commerce Hub, Helpdesk.

**Project #2** Oracle Upgrade Assist Tool

**XXXX** Sunera Technologies Inc, India **Python Developer** Jan-2023 to June-2023

**Description**: The Upgrade Assistant automates many common upgrade tasks including schema upgrades and domain reconfigurations.

You can also use the Upgrade Assistant to perform a readiness check prior to an upgrade.

Use the Upgrade Assistant to upgrade supported component schemas, component configuration data, and standalone system component configurations in 11g and previous 12c releases to 12c (12.2.1.3.0)

**Environment**: Python, Oracle Database 18c Enterprise Edition, CSV module, BeautifulSoup, cx\_Oracle.

**Project #3** Cloud Tester

**XXXX** Sunera Technologies Inc, India **Testing** July-2023 to Aug-2023

**Description**: Cloud Tester is an enterprise digital assurance platform that provides complete automated testing as a

service with pre-built test repository.

It is designed to support simplified test cycle management, automation, and execution .

Cloud Tester supports all the phases of test automation lifecycle from requirements to reports. It is integrated with CI/CD pipe and enables shift-left and insprint automation.

The platform is intelligent enough to automatically execute relevant test cases and generate test documentation, that can be leveraged as user guides, training documentation & keep test cases updated through ongoing release changes.

Cloud Tester is hosted on scalable and secure Oracle Cloud Infrastructure (OCI) to support the most demanding workloads for companies of all sizes.

**Environment:** CloudTester, Virtual Machines

**Project #4** Tracfone (PDG Project)

**XXXX** Sutherland ,India

**Testing** November -2023 to September - 2024

**Description**: TracFone Wireless is a leading provider of prepaid wireless services in the United States, offering a variety of mobile communication products and services under multiple brands, such as TracFone, NET10 Wireless, and Total Wireless. The company focuses on providing reliable and affordable mobile solutions without long-term contracts or credit checks, serving millions of customers nationwide.

The PDG Project involves various testing activities, including APT and CC Testing for devices, and TAS solutions. Responsibilities include performing device activations using various modes such as web, IVR, and TAS for multiple brands and carriers. Resolving issues by executing various types of test cases in APT and CC device testing across multiple brands and carriers, documenting every test case performed, and submitting assignments before deadlines.

**Environment:** Verizon, Headspin, TAS, Jira, Google Drive, MS Word.