

HARI KRISHNA BALAMURALI

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EDUCATION

The University of Texas at Dallas, M.S., Information Technology and Management

Awarded with "The Deans Excellence Scholar"

Visvesvaraya Technological University, B.E., Mechanical Engineering

May 2025

GPA 3.78

July 2019

TECHNICAL SKILLS

Jira, Zephyr, Python, pytest, Selenium, Jenkins, Cucumber, GitHub, TestRail, Apache JMeter, TestNG, SQL, Salesforce, Redmine, MS Office 365, Tableau, Power BI, CI/CD pipelines

PROFESSIONAL EXPERIENCE

Insight Global, Texas | Data Analyst Intern

Jan 2025 – May 2025

- Built an AI-powered real-time dashboard that integrated data from Jira, CI/CD tools, for tracking pass/fail rates, defect trends, and test cycle durations, improving cross-team visibility and reducing manual reporting time by over 10 hours weekly.
- Designed and visualized interactive dashboards that highlighted defect trends, test execution progress, and cycle durations, enhancing cross-functional insights.
- Implemented predictive analytics on historical test data to identify high-risk areas early, resulting in a 20% boost in test coverage.

Risamsoft Inc., Texas | Software Engineer Intern

Sep 2024 – Dec 2024

- Trained in utilizing Jenkins to automate testing for GitHub CI/CD pipeline, integrated tools like JUnit and Selenium to validate code quality for our website and enabling trigger builds only upon successful test completion, resulting in fewer production defects.
- Participated in Agile ceremonies daily stand-ups, sprint planning, retrospectives to align testing strategies with development goals.
- Used Gherkin syntax to create BDD test scenarios using Cucumber to validate user stories, improving test coverage and bridging gap between technical and non- technical teams.

Indegene Private Limited, India | Software Test Engineer

Oct 2021 – Mar 2023

- Led and managed multiple technical programs by collaborating directly with engineering teams, utilizing project management disciplines such as scope, schedule, budget, and risk management, ensuring successful and timely project execution.
- Proposed, executed & led the usage of virtual testing solutions (Kobiton and BrowserStack) With limited resources & budget, avoiding cost of physical devices and accelerating compatibility testing by 50%.
- Led QA core team across global markets (Japan, USA, Australia, Middle East) during go-live, executing RCA and task delegation to resolve critical issues, minimizing downtime, and ensuring seamless business operations.

Ascent Staffing Solutions Private Limited, India | Associate Test Engineer

Sep 2020 – Oct 2021

- Executed manual test cases for end-to-end and regression testing for Japan region clients, ensuring 100% compliance with industry standards and on-time or early delivery of PO requirements.
- Streamlined defect resolution in JIRA and Redmine by systematically linking user stories, incorporating detailed screenshots and screen recordings, reducing developer-tester communication loops, and accelerating issue resolution time.
- Promoted within 6 months to lead Japan region, collaborated with client to gather requirements, & set clear expectations; successfully managing a 40% increase in project workload from 25–30 tasks/week to 45–50 tasks/week.

ACADEMIC PROJECT

COVID-19 Data Analysis in U.S. Prisons (Data Visualization) | Tableau, Power BI

Developed Tableau and Power BI dashboards to analyze COVID-19 infection trends in U.S. prisons, identifying a 20% higher infection rate in overcrowded facilities and providing actionable insights for public health interventions.

Development of Solar-powered Car and Performance Optimization | Leadership and Innovation

Led 20-member team to design & test solar-powered car, improving energy efficiency by 15% & performance by 25%, while ensuring 100% on-time delivery. Recognized nationally for innovation & leadership, demonstrating strong project management skills.

CERTIFICATIONS

- **Software Testing Foundations** - Refreshed expertise in software testing, test design, bug tracking, and QA project management.
- **AWS Certified Cloud Practitioner** - Gave me foundational knowledge to implement scalable cloud solutions with AWS.
- **Salesforce Certified Administrator** - Strengthened my ability to configure and manage Salesforce CRM solutions efficiently.
- **Salesforce Certified AI Associate** - Enabled me to integrate AI capabilities into Salesforce for smarter automation.
- **Oracle Cloud Infrastructure 2023 Certified Foundations Associate** - Enhanced my ability to design and manage secure, efficient cloud infrastructure with Oracle.