**VENKATESH SOUNDARARAJAN**

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**PROFILE**

* Dynamic professional with over 8 years in Software as a Data Quality Engineer and Business Analyst with a proven record in Insurance and Health Care Domains
* Meticulous Data Analyst with a solid foundation in machine learning, business intelligence, and data-driven strategy formulation.
* Outstanding analytical and critical thinking abilities, along with a demonstrated capacity to convey insights clearly and lead projects to successful outcomes.
* Proficient in designing and implementing test plans, executing manual and automated tests, and identifying defects to ensure software reliability and performance.
* Demonstrated strong problem-solving abilities, leading to a reduction in operational costs and a commitment to continuous improvement.

**EDUCATION**

**Masters in Data Science and Analytics September 2024 – Present**

University of Calgary, Alberta, Canada

* Enrolled in the Science Internship Program.
* Successfully demonstrated the applicability of linear regression in understanding complex health and environmental interactions (Alberta Forest Fire) through course project.

**Bachelor of Engineering August 2009 – May-2013**

Anna University, Chennai, India

* Cumulative GPA: 8.93 /10

**CORE COMPETENCIES**

* **Programming Languages:** Python, R, SQL, Java, VBA Macro.
* **Data Analysis Tools**: Pandas, NumPy, Matplotlib
* **Data Visualization:** Tableau, Power BI, Excel
* **Statistical Analysis:** Hypothesis testing, Regression analysis
* **Database Management:** MySQL, Oracle, No SQL
* **Version Control:** Git, GitHub
* **Project Management Tools:** JIRA, ALM, Rally
* **Automation:** Selenium WebDriver & Rest Assured API
* **Insurance Suite:** Guidewire

**EMPLOYMENT EXPERIENCE**

**Senior Consultant** **October 2021 - August 2024**

Deloitte Consulting India Private Limited, India

* Led a QA team of 15 members, optimizing the test strategy by incorporating in-flight production scenarios, resulting in improvement in test coverage and accuracy.
* Conducted functional, integration, and regression testing for Guidewire PolicyCenter, BillingCenter, and ClaimCenter.
* Collaborated with cross-functional teams across five departments, gathering requirements and improving communication between technical and functional stakeholders, reducing turnaround time by 30%.
* Developed an automated dashboard framework, reducing manual effort by 50% and improving overall project delivery efficiency.
* Created interactive dashboards using tools like Tableau and Power BI to visualize key metrics for stakeholders.
* Implemented a test review process, boosting defect removal efficiency to 95%.
* Identified over five hundred functional defects and reduced post-release issues by 40%.

**Consultant**  **May 2018 - October 2021**

Capgemini Technology Services India Private Limited, India

* Automated 100+ regression and functional test cases using Selenium WebDriver, reducing manual testing effort by 60% and cutting testing time by 40%.
* Integrated Selenium WebDriver, Maven, Jenkins, and GitHub, streamlining the CI/CD pipeline and reducing build and testing cycle times by 35%.
* Created an automation tool that sent real-time failure alerts, improving response times to critical issues.
* Actively participated in agile forums within a team of eight members, reducing sprint carryover rate by 15% and helping the team consistently meet sprint goals.

**Associate**  **September 2013 - May 2018**

Cognizant Technology Solutions India Private Limited, India

* Managed and tracked metrics for projects valued at $2M+ across all phases of the STLC, contributing to a 10% increase in process efficiency.
* Led test environment management for Continuous Testing across three projects, driving automation and reducing test environment setup time by 40%.
* Delivered 10+ knowledge transfer (KT) sessions, ensuring knowledge retention and smooth transition across team members and stakeholders.
* Experienced in Production Remediation process- Ad hoc data extraction & reporting, Data Patching, and document re-triggering.

**PROFESSIONAL DEVELOPMENT**

* Member of Data Science Club - University of Calgary -2024.
* Member of Test Tribe - Calgary Chapter- 2024.

**CERTIFICATIONS**

* Insurance and Guidewire Insurance Suite Analyst 10.0 – Jasper –Guidewire Education -2024.
* Karate DSL – Udemy -2023.
* Rest API Automation - TestLeaf Software Solutions Private Limited – 2023.
* Selenium WebDriver - TestLeaf Software Solutions Private Limited – 2022.
* SQL for Data Science - Coursera -2020.
* SDET- Capgemini – 2020.

**ACCOMPLISHMENTS**

* Awarded as “Spot Award” 2022 & 2023 for InsurCloud – Deloitte, Canada.
* Awarded as “Best Contributor” 2018 for COMPASS Program – Hartford Insurance, USA.
* Awarded as “QE & A Maestro” 2017 of Centene by Cognizant QE&A, USA.
* Awarded as “Pride of the Quarter Q1”-April 2017 of Health Net by Cognizant QE&A, USA.
* Awarded as the “Pillar of the Month “May2014” & “August-2015” of Health Net by Cognizant QE&A, USA.
* Third Rank holder in University Examinations, UG Mechanical Engineering, Anna University, India.

**INTERESTS**

* Event Coordinator and active in Cognizant Outreach, India.
* Volunteered in Cognizant Go Green Activities- Beach and Lake Cleaning, India.