VENKATESH SOUNDARARAJAN

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PROFILE

- Experienced Data Quality Engineer and Business Analyst with over 8 years in the Insurance and Health Care sectors.
- Actively pursuing a master's degree in Data Science enhancing my expertise in advanced data analysis, machine learning, and data-driven decision-making.
- 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.
- Excellent communication skills, enabling effective collaboration with cross-functional teams and stakeholders and with a proven ability to mentor and guide team members towards achieving project goals.

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 simple and multi linear regression in understanding complex health and environmental interactions (Alberta Forest Fire) & Diet Analysis Dataset through course project.

Bachelor of Engineering   **August 2009 – May-2013**
Anna University, Chennai, India
- Cumulative GPA: 8.93 /10

CORE SKILLS

- **Programming Languages:** Python, R, SQL, Java, VBA Macro.
- **Data Analysis Tools**: Pandas, NumPy, Matplotlib
- **Data Visualization:** Power BI, Excel
- **Statistical Analysis:** Hypothesis Tests, Regression (Single and Multilinear)
- **Database Management:** MySQL, Oracle, No SQL
- **Version Control:** Git
- **Project Management Tools:** JIRA, ALM, Rally
- **Automation:** Selenium WebDriver
- **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 Insurance Suites.
- 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 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%.
- 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
- Executed comprehensive ETL (Extract, Transform, Load) test plans, ensuring data accuracy and integrity throughout the data pipeline.

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.
- 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.

INTERESTS

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