**KAVYA SRI KATLA**

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**PROFESSIONAL SUMMARY**

Data Analyst & Software Test Engineer with expertise in **SQL, Python, Power BI, Tableau, and Selenium**. Pursuing an **M.S. in Information Systems at Saint Louis University**. Strong skills in **data cleaning, visualization, automation testing, and reporting**. Passionate about **data-driven decision-making, business intelligence, and system optimization**.

**EDUCATION**

**Saint Louis University, St. Louis, MO**  
**Master of Science in Information Systems** | GPA: **3.86/4.0** | *Aug 2023 – May 2025*

**WORK EXPERIENCE**

**Data Analyst Associate Intern | Excelerate Global Internship Program | *Jan 2024 – Feb 2024***

* Extracted, cleaned, and analyzed large datasets using **Structured Query Language (SQL) and Python**, ensuring high data accuracy.
* Developed **interactive dashboards and data visualizations** using **Google Data Studio, Power BI, and Tableau**.
* Identified key **business trends, performance indicators (KPIs), and process inefficiencies**, providing actionable insights.
* Applied **ETL (Extract, Transform, Load) processes** to prepare datasets for business analytics.

**Digital Strategy Associate Intern | Excelerate Global Internship Program | *Jan 2024 – Feb 2024***

* Conducted **market research and asset evaluation** to enhance business strategies.
* Applied the **RACE (Reach, Act, Convert, Engage) Strategy Framework** for digital marketing analytics.
* Optimized **social media engagement, email campaigns, and customer targeting** using data-driven insights.

**Software Test Engineer | Cognizant Technology Solutions, Hyderabad, India | *May 2022 – Mar 2023***

* Designed and executed **manual and automated test cases** for software applications, ensuring system reliability.
* Identified and **tracked software defects** using **Jira** and **Selenium**, achieving **98% test execution accuracy**.
* Conducted **functional, regression, and UI testing** for web and mobile applications.
* Collaborated with development teams to resolve issues and enhance software performance.

**PROJECT EXPERIENCE**

**Cybersecurity Systems Assessment & Vulnerability Analysis | *Jan 2024 – Mar 2024***

* Conducted **penetration testing & vulnerability scans** using **Nmap (Zenmap) and Nessus Essentials**.
* Identified security risks and provided **risk mitigation strategies** to improve cybersecurity defenses.

**E-Learning Employability Analytics Application | *Jan 2025 – Ongoing***

* Leading **research, data collection, methodology design, feasibility assessment, and implementation**.
* Applying **statistical analysis and visualization techniques** to analyze **Skillsoft Percipio data and surveys**, generating insights for **curriculum improvement and student career readiness**.

**CERTIFICATIONS**

* **IBM Data Analyst Professional Certificate** – Coursera (*In Progress*)
* **Python Essential Training** – LinkedIn Learning (*In Progress*)
* **Microsoft Azure Fundamentals** – Microsoft Learn
* **AWS Cloud Badges** – Cloud Computing, Storage, Security
* **Selenium WebDriver with Java** – Udemy
* **SQL Certification** – Frontlines EduTech

**TECHNICAL SKILLS**

* **Programming & Database:** Python, Structured Query Language (SQL)
* **Data Visualization & BI:** Power BI, Tableau, Google Data Studio
* **Software Testing & Automation:** Selenium, Manual & Automated Testing, Defect Tracking
* **Cloud & Security:** Microsoft Azure, Amazon Web Services (AWS), Cybersecurity (Nmap, Nessus)
* **Tools & Platforms:** Jira, GitHub, Excel, PowerPoint, Microsoft Office