

Programmer Analyst

Keerthi Samhitha

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Professional Summary:

- Experienced QA Tester with over 1.5 years of expertise specializing in data migration and quality assurance for the life sciences sector. Proficient in MS SQL, MySQL, and SQL Developer. Skilled in comprehensive regression testing, data validation, and UI testing.
- Furthermore, I have a solid background in utilizing Power BI to create dynamic and insightful dashboards for impactful data visualization. I bring hands-on experience in crafting these dashboards to enhance decision-making. Alongside, I employ tools like Postman, ALM, and Beyond Compare for efficient defect management. Dedicated to upholding data integrity and accuracy in this evolving industry.

Technical Skills

RDBMS Server	MS SQL Server 2012, My SQL
Operating Systems	Windows 7,10, VMWare.
Programming Languages	C, JAVA, Python, HTML, IoT
Office Applications	MS Outlook, MS Office applications
Methodologies	Agile, Waterfall
Reporting Tools	Power BI

Education

- Bachelor's in Electronic and Communication Engineering
Jawaharlal Nehru Technological University, HYD
- Schooling in Johnson Grammar School[ICSE]
- PCM in DAV school [CBSE]

Work Experience

Organization: Capgemini

October 2021 – Current

Data Migration project

Quality Assurance testing

- Proficiently utilized SQL scripting used MS SQL, MySQL, SQL Developer.
- Data validation was performed at different levels, including Source, Landing, Staging, and further to XREF (Cross-Reference) and BO. Executed various test cases to validate the data at different stages of migration.
- Specialized in data migration and quality assurance within the life sciences domain.
- Conducted comprehensive regression testing, data validation, and UI testing to ensure data integrity and accuracy.

- Proficient in SQL scripting, MS SQL, MySQL, and SQL Developer, facilitating efficient testing processes.
- Focused on UI testing to optimize user experience and interaction during the data migration phase.
- Executed comprehensive regression testing to guarantee data consistency and integrity across all migration stages.
- Leveraged Postman for API testing, ensuring seamless integration of web services and data interactions.
- Utilized ALM (Application Lifecycle Management) to efficiently manage test cases, requirements, and defect reporting, adhering to industry best practices and quality standards.
- Used application such as Beyond Compare to verify and validate data changes, maintaining high-quality data standards.
- Collaborative team player with a keen eye for detail, dedicated to delivering quality results.
- Passionate about contributing to the seamless execution of data migration projects in the constantly evolving life science industry.

Security Analyst
Security Operations and Compliance, CIS India

Responsibilities:

- Perform risk assessments and execute tests of data processing system to ensure functioning of data processing activities and security measure
- Review violations of computer security procedures and discuss procedures with violators to ensure violations are not repeated.
- Document computer security and emergency measures policies, procedures, and tests.
- Confer with users to discuss issues such as computer data access needs, security violations, and programming changes.
- Coordinate vulnerability assessments or analysis of information security systems.
- Develop information security standards and best practices.
- Review security assessments for computing environments or check for compliance with cybersecurity standards and regulations.
- Conducted ISO audits for various clients, assessing their compliance with standards, regulations, and internal policies.
- Prepared detailed audit reports, including findings, recommendations, and corrective actions to ensure adherence to ISO requirements.
- Developed and implemented customized audit plans, procedures, and checklists based on client needs and specific industry standards.
- Collaborated closely with clients' management teams to address non-conformances, recommend process improvements, and facilitate corrective actions.
- Evaluate the organization's adherence to the CIS and ISO 27001 standards to identify any gaps or non-compliance related to ransomware prevention, detection, and response.
- Conduct a comprehensive risk assessment to identify potential vulnerabilities and threats related to ransomware attacks. This assessment to be aligned with the risk management processes outlined in CIS and ISO 27001 standards.

- Assess the organization's implementation of the recommended security controls provided by CIS and ISO 27001. Performed audits to mitigate the risk of ransomware attacks and ensure the confidentiality, integrity, and availability of critical information.
Evaluated the organization's system monitoring and logging practices to ensure that suspicious activities related to ransomware attacks are promptly detected and responded to. This should align with the guidelines set forth by CIS and ISO 27001.
- Assess the organization's backup and recovery procedures to ensure that critical data can be restored in the event of a ransomware incident. Verify that backups are performed regularly, stored securely, and tested for integrity and availability.

Personal Projects-

- IoT project - Multiple motion control system of robotic car using Raspberry Pi
- RDMS project - Application with robust role-based access control (RBAC) mechanisms