SANTHOSH M

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| **PROFESSIONAL SUMMARY**  Dynamic and Skilled Python Developer with 2.6 years of experience in Software Development and Automation. Proficient in developing robust Python applications and implementing automation frameworks to ensure high-quality software deliverables. Experienced in collaborating with cross-functional teams to drive project success and improve operational efficiency. |
| ExperiEnce **MSys Technologies Pvt Ltd - Software Engineer**  **Jun 2022 – Present**  1) Anomaly Detection and Data Processing with Temporal.io: Developed a robust backend application utilizing Temporal.io for anomaly detection and data processing, handling both real-time and batch mode operations.   * Implemented efficient data pipelines in Python for reliable data processing. * Integrated AWS CloudWatch to monitor and detect anomalies in real-time. * Ensured scalable and fault-tolerant data processing, enhancing system reliability. * Conducted thorough testing and validation to ensure accuracy and performance.   2) OAT Automation:Worked on Operational Acceptance Testing (OAT) Automation, integrating Ansible with Python to streamline report generation and data collection.   * Developed Python scripts to automate the collection of OAT Automation reports and data. * Seamlessly integrated Ansible with Python for efficient data collection and management. * Implemented data storage solutions using PostgreSQL for organized and secure data handling. * Created interactive and insightful data visualizations using Dash, enhancing report clarity.   **Syncfusion Software Pvt Ltd, Chennai - Software Developer**  **Jan 2022 - May 2023**   * Worked on Xamarin forms controls, including Charts controls. * Implemented a center text feature on the donut chart component, enhancing its visual appeal and functionality. * Ensured the scalability and maintainability of chart components by adhering to best practices in software development. |
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| Skills  * Programming Languages : Python, Golang, C, C++, C# * Frameworks : Django, Flask, Django Rest framework, Tkinter * Data Analysis & Visualization : Pandas, Matplotlib, Dash * Automation : Pytest, Selenium, RPA UiPath, Groovy Scripting * Database : PostgreSQL, SQLite, MySQL * IDE : VScode, PyCharm, Katalon Studio * Others **:** Data Structures & Algorithms, Multithreading & Multiprocessing |
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| **EDUCATION**   * BE(EEE) – Government College of Engineering, Bodinayakkanur - 74 %. * Higher Secondary Certificate (HSC) – GHSS, Thiruppurambiam - 83.41 %. |
| **PROFILES & PERSONAL PROJECTS**   * GitHub - <https://github.com/Santhosh93M> * LeetCode - <https://leetcode.com/u/Sandy9843/> * HackerRank - <https://www.hackerrank.com/profile/santhosh936m> * Vendor Management System: Developed using Python and Django REST framework. * Math Equation Game: Created with Tkinter GUI. |