ASWIN KUMAR A

SOFTWARE DEVELOPER ENGINEER - II

CONTACT ME AT

📞 +91-9952204937

📍 009 Josh Elite,Bengaluru,560049

✉️ aswinkumar.ariramsingh@gmail.com

TECHNICAL SKILLS
- Programing Language: Python, Linux
- Database: MySQL, Postgresql
- Web Designing: HTML 5, CSS 3, Bootstrap 4.0
- Tools:AWS(Lambda,Glue,Crawler,S3,Redshift, SQS,SES,API Gateway,Cloudformation)
- Package Used: Pandas, Numpy, Matplotlib, Selenium, Beautiful Soup,Boto3,Json
- Visualization Tools : PowerBi, Quicksight
- Postman,GIT

AWARDS RECEIVED

- Achieved Invent & Simplify Award for developing several automations
- Outstanding Best Performer Award exceeding production with 100% quality
- Accolade for mentoring and onboarding new associates for the team
- Implemented Rightsizing that Reduced the cost of AWS account

SKILLS AND ABILITIES

- Logical thinking and problem solving Oral and written communication
- Quick Learner and willingness to learn new things
- Adaptable to any work environment Software debugging, Analytical Skills Conflict resolution
- Detail oriented

CERTIFICATION & INTERNSHIP

- Completed **AWS Certified Cloud Practitioner (CLF-C01)**
- Certified Web Development (Greens Technology, Chennai)
- Trained for Trucks Portal project (Adhi Software, Chennai)

PERSONAL PROFILE

Experienced Python developer with over 5 years of hands-on experience, specializing in building automated solutions to streamline processes and optimize workflows. Proficient in Python and AWS, with a proven track record of developing robust automation scripts and workflows for diverse applications, including infrastructure provisioning, deployment, monitoring, and maintenance tasks. Skilled in leveraging AWS cloud services such as Lambda, EC2, S3, and APIGateway to create scalable and cost-effective automation solutions. Known for my ability to integrate various programming languages and systems to achieve seamless automation across the entire development life cycle. Renowned for my proactive approach, collaborative spirit, and unwavering dedication to precision and excellence in every endeavour.

WORK EXPERIENCE

Technical Lead
KPIT, Bangalore Karnataka IN | Dec 2023 - Present

- Developed a graphical user interface (GUI) using Python and PyQt5 framework, integrating a progress bar to visually represent test case execution progress and enhance user experience.
- Leveraged OpenCV to develop a custom solution for real-time identification of golden images within video content, enhancing efficiency in content analysis processes. Implemented algorithms to accurately detect golden frames and timestamp their occurrences, optimizing content review workflows.
- Worked real-time object detection using YOLOv5, Showcasing proficiency in computer vision and deep learning for accurate and efficient detection of objects in images.

Software Developer Engineer II
CSG International, Bangalore Karnataka IN | July 2022 - Nov 2023

- Developed internal tools and automated repetitive operations which results in increase of productivity of the team
- Optimized code to increase the execution time and scalability of the applications which helps in increase of availability of the Application Automated.
- Apptio Cloudability with AWS Lambda and EventBridge, enabling scheduled data exchanges through API GET and POST requests. Streamlined processes, reduced manual efforts, and enhanced data accuracy.
- Leveraged Boto3 to develop and deploy server less automation by connecting Lambda functions.
- Implemented AWS Compute Optimizer to optimize team's infrastructure costs, resulting in significant cost reductions while maintaining optimal performance and resource utilization.
- Developed a Python script to facilitate seamless file upload to SharePoint and retrieve the file from Power BI for visualization. Enabled efficient data handling, enhancing data accessibility, and presenting insightful visualizations.

Application Engineer - Python
Amazon IN, Chennai Tamil Nadu IN | Nov 2018 - June 2022

- Worked across team(s) and Ops organisation at country, regional and/or cross regional level to create automated solutions for customer, cost savings through process automation, systems configuration and performance metrics
- Automated user interactions and API with existing tools/solutions, build localized small scale solutions for quick deployment, built python scripts to automate day to day, repeatable activities within a team
- Proficiently utilized AWS Glue and its Crawler for automated data discovery and cataloguing,streamlining ETL processes for improved data analysis
- Utilised AWS Glue's crawler functionality to seamlessly extract data from an Amazon Redshift database, enabling efficient data integration and transformation for visualization in QuicksSight
- Led the development of a Python script with Selenium WebDriver for seamless automation across multiple domains. Extracted valuable data from diverse websites and organized attributes into Excel files, streamlining data collection and enhancing accuracy and accessibility.
- Developed a comprehensive dashboard using AWS Quicksight and AWS Redshift, presenting crucial insights through intuitive data visualisations. Enabled data-driven decision-making and enhanced overall data analysis capabilities.