SIDDHARTH TRIVEDI

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SUMMARY

"Results-driven Software Engineer with extensive experience in cloud application development and Java programming. Skilled in AWS technologies, infrastructure automation, and Agile methodologies"

EDUCATION

GEORGIAN COLLEGE   Jan. 2023 - Apr. 2024
Post Graduate Diploma | Artificial Intelligence 2024
Post Graduate Diploma | Big Data Analytics 2023

LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH   June 2018 - May 2022
Bachelor's of Engineering | Computer Engineering 2022

EMPLOYMENT

Sarjen Systems Pvt. Ltd., **Software Developer**, Ahmedabad, India   June 2022 - Dec. 2022
- Designed and implemented internal software solutions, including DocStack, to maintain drug dossier reports and streamline the document approval process for pharmaceutical firms.
- Collaborated with business users to configure business logic and provided technical troubleshooting support, resulting in improved system performance and user satisfaction.
- Contributed to product design and UI enhancements, analyzing and strategizing with Product Managers to optimize user experience and meet business objectives.

Intrisol Tehcnologies Pvt. Ltd., **Trainee Software Engineer**, Ahmedabad, India   Feb. 2022 - Apr. 2022
- Automated monitoring of 32 websites for new or updated PDF files, eliminating manual intervention and saving approximately 9 hours per week.
- Resolved data discrepancies and system errors, resulting in a 20% improvement in data accuracy and reliability.
- Implemented AWS Lambda functions to automate routine tasks, reducing deployment time by 30%.

SKILLS

• **PROGRAMMING LANGUAGES:** Apache Hadoop, Apache Hive, Apache Spark, Data Structures, Deep Learning, Java, MySQL, Python, Scala, SparkSQL, SQL
• **TOOLS & TECHNOLOGIES:** Agile Methodology, Amazon lambda, Amazon S3, Amazon Web Services, API Gateway, AWS CloudWatch, Docker, Dynamodb, Git, Hadoop, HDFS, Hive, Jupyter Notebooks, MS Office, OpenCV, Pandas, Power BI, Spark, TensorFlow

ACADEMIC PROJECTS

Automation of Statistical Information Compilation(Python, Agile Methodology, Git)
- Architected and executed a Python-based web scraper to automate the process of monitoring 32 websites for new or updated PDF files, achieving complete elimination of manual intervention and saving ~9 hours per week.
- Leveraged agile methodology to represent the developed solution to stakeholders, ensuring evolving requirements were gathered while utilizing GIT for seamless code collaboration.

Real-time Data Analytics Platform (Java, Spark, SQL)
- Developed a scalable real-time data analytics platform using Java, Apache Spark, and SQL.
- Leveraged agile methodology principles for iterative development and continuous improvement.
- Integrated with visualization tools to provide actionable insights and reports for stakeholders.

Machine Learning Model Deployment Pipeline (AWS, PyTorch, Tensor Flow)
- Developed a pipeline for deploying machine learning models into production environments.
- Developed Python scripts for ETL processes, extracting and transforming data from various sources.
- Model training, testing, deployment automation, versioning, monitoring, and retraining.
- Streamlined model deployment process, improved model lifecycle management, and accelerated time to market for new features.

AWARDS

AWS Academy Machine Learning Foundation, *Amazon Web Services*   Apr. 2024
https://www.credly.com/badges/e9773a54-5732-4e68-9527-b3a786fde496/public_url

AWS Academy Cloud Foundation, *Amazon Web Services*   Apr. 2024
https://www.credly.com/badges/ebed13c1-2e30-46f9-b902-a29d1b92f3b9/public_url