MUNI KANAKA SRI SHALINI CHINTAM

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EDUCATION

University of Missouri-Kansas City   **Jan 2021 – May 2022**
Master of Science in Computer Science   *Kansas City, US*

SKILLS

- Programming Query Languages: Python, R, Java, JavaScript, C, HTML, CSS, SQL, NoSQL.
- Data Visualization: Experienced with Tableau, Power BI, and Matplotlib.
- Databases: AWS S3, RedShift, MS SQL Server, MySQL, Azure Blob Storage, Azure SQL Database, Snowflake, MongoDB
- Tools: Familiarity with AWS (Lambda, Athena, CloudWatch, Aurora, DynamoDb,Sage Maker),Airflow, Docker. and GIT(Version Control).
- Programming: Proficient in Python, SQL, JavaScript, C, and Java ,R,Spark
- Agile Development: Experienced in Agile Software Development with Scrum.
- Framework: ReactJS,PyQt
- Microsoft Excel: Proficient in Pivot tables, Vlookup, and Excel VBA programming.
- Libraries ML Frameworks: Tensorflow, Keras, PyTorch, Pandas, NumPy, Scikit-Learn, matplotlib, OpenCV, LangChain

EXPERIENCE

Amazon.com   **June 2022 – Present**
Software Development Engineer
- Collaborated on ReactJS-based web page development, enhancing transaction adjustment in the General Ledger for accountants.
- Implemented AWS Lambdas and CloudWatch for incident management, reducing system downtime by 40% and improving on-call response time efficiency.
- Streamlined testing processes, resulting in a 15% improvement in service reliability and a 20% reduction in post-release defects.
- Utilized AWS Athena for data analysis, reducing time spent on resolving balance variances by 30%.

ACADEMIC PROJECTS

Image Generation from Generative Adversarial Networks   **Jan 2022 – May 2022**
- Designed a custom GAN model, focusing on authentic facial image generation using CelebA dataset, demonstrating precision and quality-driven approach.

- Developed a context-based image generation solution widely acclaimed by professionals in design, UI/UX, art, NFT, and advertising sectors.

- Showcased expertise in PyTorch and Google Colab, highlighting proficiency in machine learning frameworks and collaborative research environments.

- Blended creative and technical skills to address image generation challenges, contributing to generative arts and NFT domains' advancement.

Vaccine Trends (Web Development, Tableau, Time-Series Forecasting, Firebase)   **August 2021 – Dec 2021**
- Developed a web application focusing on vaccine trends using Tableau for reporting, facilitating data-driven decision-making for public health officials.

- Employed ARIMA model for accurate prediction of vaccination rates, enabling the identification of trends and patterns in vaccination data.

- Created visualizations illustrating vaccine distribution and utilization, providing insights for policy and operational improvements.

- Applied data validation, data extraction, data analytics and quality assurance processes to ensure data accuracy and integrity.

PORTFOLIO PROJECTS

- Tableau Project - prep
- end to end data engineering project
- AWS Certified Data Engineer

PUBLICATIONS

- 'Fog Computing for Smart Cities,' 2019 International Conference on Communication and Electronics Systems.
- 'Multi-Document Text Summarization Using Genism,' International Journal of Advanced Science and Technology, 29(12s), 1362-1370.

CERTIFICATIONS

- Exam AZ-900: Microsoft Azure Fundamentals
- Microsoft Certified: Azure Data Engineer Associate
- AWS Certified Data Engineer