SHIVAM MOTANI

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Education

Arya Institute of Engineering Technology and Management   **Aug. 2016 – Aug 2020**
Bachelor of Technology in Computer Science   *Jaipur, Rajasthan*

Experience

Deloitte Consulting India Private Limited   **March 2021 – Present**
Business Technical Analyst   *Bangalore, Karnataka*

- Conducted analysis of requirements with a team of 10 people against applicable client products and services and mapped attributes, accounting for ∼$60B of total revenue.
- Spearheaded an initiative to automate data modification processes in Hadoop and Snowflake through the development of a Python-based utility, replacing the previous manual Excel-based approach. This initiative ensured enhanced data integrity and accuracy in data manipulation workflows.
- Collaborated with a team of 4 individuals to develop and build a tool in Python for automating the validation of mappings and profiling of source raw data. A reduction of ∼95% (from 4hr to 10 min) in the time required for this process led to a significant increase in team efficiency.
- Developed a data lake environment for a US-based bank that combined data from various commercial banking portfolios (e.g., loans, leases, revolving credit, trust) to enable Tableau reporting for regulatory and profitability purposes.
- Successfully delivered 400+ attributes to OFSAA by mapping and validating them in Hadoop, providing downstream users with valuable analytical data.
- Conducted an extensive data validation process utilizing over 1000 SQL scripts in Hadoop, resulting in a smooth transition from SIT/UAT phase to a successful Production deployment.
- Efficiently onboarded and mentored 2 new team members, imparting in-depth knowledge of both the Business and Technical architecture of the project.

March 2021 – March 2022

- Successfully completed the first 12 months of probation period by showing an outstanding ability to make a meaningful impact on the Mortgage and Risk Management portfolio of a banking client, comprising approximately $30B, through mapping and reconciling revenue attributes.
- Undertook data/conformance/functional validation and ensured the accuracy of mappings and data load, resulting in a successful production release.

Projects

Telegram Bot | *Python, Django, PostgreSQL*

- Developed an automated Telegram bot using Python and Django which sends jokes to the user based on the joke category they select.
- Utilized HTML, Bootstrap, and PostgreSQL to create a landing page to store and monitor the number of users who interacted with the bot along with the joke category they chose.

Stock Inventory App | *Python, Tkinter, SqlLite*

- Used Python, Tkinter, and SQL Lite to create an app which can be used to manage inventory.
- Used CRUD operations to modify the items in the inventory.

Rock, Paper, Scissors Game | *Python, Tkinter*

- Used Python and Tkinter to re-create the old 1V1 game.
- User can choose one of three possible inputs and the computer choose a random input simultaneously
- Based on the logic either User or Computer wins and the score can be seen on the same screen

Technical Skills

Languages: Python, Java, C, C++, Front-End Development, SQL
Cloud Platform: Azure, AWS, SnowFlake, Hadoop
Tools/Frameworks: VS Code, Git, GitHub, Tkinter, Django
Certifications: Azure Fundamentals AZ-900, Azure AI Fundamentals AI-900, Azure Data Fundamentals DP-900

Accomplishment

- Won 2 Applause Awards in Deloitte
- Won the Infosys-TEDx Contest organized in 2017.
- Completed workshop on AI enabled machine to fight against any pandemic by IIEC.
- Completed workshop in Astrobiology conducted by IARC.
- Participated in Au Bank Jaipur Marathon in 2018.