SANJEET MODI

Scaling new heights of success with hard work & dedication and leaving a mark of excellence on each step; targeting roles in **Software/ Cloud Development and Data Engineering** with any Industry in an organization of repute to facilitate mutual growth and benefits; preferably in Bangalore or Pune Location

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CORE COMPETENCIES

- ●● Project Management
- ●● Data Analytics/Engineering
- ●● Agile Methodologies
- ●● Client Relationship Management
- ●● Training & Development
- ●● Software Development Lifecycle
- ●● Data Warehousing
- ●● ETL
- ●● ELT
- ●● Data Visualization
- ●● Cloud Data Services
- ●● Data Governance
- ●● Data Security
- ●● Requirement Gathering & Analysis
- ●● Technical/ Functional Documentation

IT SKILLS

- ▪ Azure Services
- ▪ AWS Services
- ▪ GCP Services
- ▪ DBT
- ▪ Security & Governance
- ▪ Python
- ▪ Snowflake
- ▪ Qlik Replicate
- ▪ JFrog & Checkmarx
- ▪ LucidChart & Quicksight

PROFILE SUMMARY

- **Result-driven professional** with an analytical bent of mind and an experience of **over 6 years**; accompanied with expertise in overcoming complex business challenges and making high stake decisions using experience-backed judgment & work ethics across multiple domains encompassing domains
- Leveraged capabilities in spearheading **Software Development Lifecycle (SDLC)** from concept through delivery of next generation applications and customizable solutions; entailing all aspects pertaining to Requirements Gathering, Application Architecture & Design, Debugging & Testing, Database Modelling, Quality Analysis, System Operations & Maintenance
- Expertise in managing overall software development life-cycle involving requirement analysis, system study, designing, architecture, testing, programming, coding, de-bugging, Defect Management & documentation
- Proficient in technical project management including scheduling & negotiating with clients for iterative product development and delivery, balancing work distribution to meet project deliverables & delivery as per quality & time norms
- Hands-on experience in analyzing information system needs, evaluating end-user requirements, custom designing solutions and troubleshooting for complex information systems management
- **Self-driven with a passion for technology**; skilled in grasping the big picture and conceptualizing, developing & applying appropriate, practical technology/mix of technologies that meet business needs while minimizing risks and ensuring the management of design phases in compliance with quality standards

WORK EXPEREINCE

Jet2 Travel Technologies Pune, MH from **Sept'23-Present**
Designation: Senior Data Engineer

JP Morgan Chase Pune, MH from **Jul'22-Sept'23**
Designation: Software Engineer

TEKsystems Global Services Bangalore, KA from **Jul'18-Jul'22**
Designation: Senior Software Engineer

TEKsystems Global Services Bangalore, KA from **Jan'18-Apr'18**
Designation: Intern

ROLES ACROSS THE CAREER

- Identifying documents related to components as well as maintaining detailed study of same as per the product changes, thereby getting in touch with the product developers
- Working out the new system's requirements & specifications and test strategies; assisting in functional testing of the new system and ensuring that it meets the user specifications
- Participating in the development and review of business and system requirements to obtain a thorough understanding of business needs in order to deliver accurate solutions
- Reviewing & analyzing the effectiveness and efficiency of existing systems and developing strategies for improving or further leveraging these systems
- **Presenting proposals to clients**, providing solution strategy support encompassing briefing on client feedback / insights to help them in developing customer-specific strategies
- Conceptualizing **quality standards** for various operational areas, implementing quality systems & procedures to facilitate a high-quality experience, while adhering to the Service Level Agreement (SLA)
- Communicating with internal/external clients to determine specific requirements and expectations; managing client expectations as an indicator of quality
- Creating & managing the estimates, project plan, project schedule, resource allocation and expenses to ensure that targets are reached

- Designing and implementing scalable data pipelines for data ingestion, processing, and storage
- Developing and maintaining ETL processes to extract, transform, and load data from various sources into data warehouses and data lakes
- Creating and optimizing data models, ensuring data integrity, efficiency, and accessibility
- Collaborating with cross-functional teams to gather data requirements and define data engineering solutions
- Building and maintaining data integration frameworks and data APIs for seamless data access across the organization
- Automating data workflows and scheduling using tools such as Apache Airflow or similar technologies
- Conducting data profiling and data quality assessments to identify and address data issues and anomalies
- Implementing data governance practices and policies to ensure data security, privacy, and compliance
- Performing data analysis and data validation to ensure accuracy, completeness, and consistency of data
- Monitoring data security measures, including access controls, encryption, and data masking
- Collaborating with data scientists and analysts to provide them with clean and reliable data for analysis and reporting
- Optimizing data processing and query performance through database tuning, indexing, and partitioning strategies
- Maintaining data monitoring and alerting systems to proactively identify and resolving data-related issues
- Directing data migration and data integration projects, ensuring smooth and efficient transition of data across systems

PROJECTS

Title: Prefoundation & Modelling , Pune, MH
Role: Senior Data Engineer
Duration: Sept'23-Present

- Collaborated with Product owners to gather requirements and implemented the Data Ingestion, including transformations using GCP Services, Snowflake, DBT, and SSIS to bring data to the final Warehouse layer for JSON and Parquet files.
- Developed and implemented DBT models for Snowflake tables and views with different materializations and was part of team developing test cases
- Led Data profiling and Modelling efforts by collecting information from Stakeholders and preparing different entities to meet the KPI goals
- Initiated Data Governance practices like Data Purging, Identifying and masking PII on Snowflake and implementing life cycle management on GCP containers.
- Helped the organization to grow by taking interviews.
- Initiated dashboard development to measure various parameters within the team like query run time against warehouses which ultimately helps in cost optimization.

Title: Data & Security, Datamesh Pune, MH
Role: Data Engineer
Duration: Jul'22-Sept'23

- Worked closely with Product owners to gather requirements and implemented the Data Ingestion Layer, including transformations, in Producer accounts using Python with Lambda, Glue jobs, kinesis stream, Crawlers, S3, Delta Lake, Athena, Airflow, & IAM
- Developed and implemented security measures as a Security Champion, ensuring the utilization of Static Application Security Testing (SAST), Software Composition Analysis (SCA), and Application Security (AQUA) checks using tools like JFrog and Checkmarx
- Conducted regular security awareness sessions for the team
- Prepared and monitored the Quicksight Cost Dashboard for all AWS accounts, providing regular cost optimization solutions through the implementation of standard File Management lifecycle and Service Control Policies (SCPs)
- Initiated Data Governance practices using Lake Formation, streamlining data access and security across the organization
- Led efforts to implement security best practices by ensuring compliance with security standards and regulations such as GDPR, HIPAA, and ISO 27001

Title: Servier Laboratories, Bangalore, KA
Role: Data Engineer
Duration: Oct'21-Jul'22

- Developed data pipelines using Azure File share containers hosted on sFTP Container Instances, Azure Data Factory (v2), Logic Apps, and Key Vault to transform .csv files into rows in Azure SQL database
- Implemented the migration of existing SSIS packages to Azure pipelines by leveraging activities and Data flows in ADF, eliminating dependencies on SSIS and enhancing overall pipeline efficiency
- Created multiple automated data validation scripts using Python to ensure data integrity and accuracy
- Configured alerts on Container Instances and enabled Log Analytics based on recommendations from Microsoft Defender to proactively monitor and address security threats
- Conducted performance tuning activities by regularly monitoring performance metrics of Azure SQL databases and optimizing database configurations for enhanced query performance

- Facilitated source control on GitHub for ADF pipelines in both Dev and Production environments, enabling seamless CI/CD (Continuous Integration/Continuous Deployment) processes
- Collaborated with client-side stakeholders to understand business requirements and developed Views that could be consumed for Power BI reporting, providing valuable insights for data-driven decision-making

Title: Allegis Group Inc., Bangalore, KA
Role: Data Engineer
Duration: Dec'20-Sep'21

- Implemented Qlik Replicate tool built CDC Tasks to Lift and Shift data from Oracle and SQL Server to Snowflake Data warehouse in real-time
- Participated in Data Validation and Quality control checks
- Re-designed the Oracle views and stored procedures to run on Snowflake architecture
- Managed data security by implementing RBAC, Identifying and Masking PII data Maintained source control for the Qlik Replicate tasks, Snowflake Views and stored procedures by using SourceTree on Bitbucket

Title: MarketSource Inc., Bangalore, KA
Role: Data Engineer
Duration: Dec'19-Nov'20

- Led Logic building, Development, UAT and Deployment of the Azure pipelines
- Built robust Azure pipelines using services which includes BLOB Containers, Function App with Triggers, Azure Queue Storage, Python Scripts and Azure APIs to transform data from complex JSON les to Azure SQL database
- Coordinated with Business Analyst to understand the business need and prepared transactional-based Stored procedures for SCD-2 incremental loads
- Implemented Azure Queue storage for identify Function App failures and thereafter building Error management mechanism around it
- Maintained source control for Function App and Stored procedures on Bitbucket using SourceTree

Title: Mobile Mini Solutions, Bangalore, KA
Role: ETL Developer
Duration: Aug'18-Oct'19

- Developed SSIS packages to move data from various source end- points like SFDC and sFTP to on premise SQL Server using DBAmp and C#Deployed the packages on TFS
- Created SQL server Stored procedures and Views, enhanced existing packages, maintained and troubleshot in case of package failure were also a part of the duties