VINAY RAMESH KANGOKAR

• (781)492-5923   • vinayrameshkangokar@gmail.com   • linkedin.com/in/kangokar   • github.com/vkangokar

EDUCATION

Northeastern University, Boston, USA   Sep 2018 – Dec 2020
Master of Science in Information System (Data Analytics and Business Intelligence specialization)

Visvesvaraya Technological University, Bangalore, India   Aug 2014 – May 2018
Bachelor of Engineering in Information Science and Engineering

EXPERIENCE

Data Engineer, Envoy Global   Mar 2021 - Present

- Built interactive customer facing **Tableau** dashboards to track immigration related data and **PowerBI** reports for internal teams – leadership, attorneys, CRMs, and finance to track cases, SLAs, goals, payments, and bookings
- Designed and implemented end-to-end integration solutions using **Azure Data Factory** (ADF), orchestrating data movement, and transformation across multiple data sources
- Created a reusable pipeline to ingest the data from **OLTP** databases and load to **Azure Data Lake Storage (ADLS)**
- Implemented error handling, validation checks, reject records, and logic apps to ensure data quality and slowly changing dimensions (Type 2) to track historical data using **Azure Data Factory**
- Built dynamic parameterized pipelines in **ADF**, and **SSIS** to handle **incremental data loading** and schedule-based triggers, ensuring up-to-date and accurate data for analysis and reporting
- Led the development and optimization of ADF and SSIS pipelines, resulting in 20% reduction in processing time
- Leveraged **Azure Monitor** and **Log Analytics** to track the pipeline performance, logging, and resource utilization
- Automated the migration of ADF pipelines from dev to production env by implementing CI/CD using **Azure DevOps**
- Developed over 30 **SSIS ETL** jobs for independent tables, masking data in application database to ensure data security
- Composed complex SQL queries using multiple tables joins, CTE, temporary tables, and analytical functions to retrieve the data and perform data quality analysis
- Implemented **row level security (RLS)** in **PowerBI** to ensure data security and **Level of Detail (LOD)** expressions in Tableau to control the granularity of data

Business Intelligence Platform Analyst Co-op, Indigo Ag   Jan 2020 – Jun 2020

- Implemented **LookML** models to define data models and business logic layers in Looker, ensuring data consistency, and reusability across reports and dashboards
- Conducted performance tuning and optimization of **Looker dashboards**, and queries, reducing report generation time by 30% and created Looker Explores to enable self-service analytics for business users, to analyze data independently
- Created custom SQL queries and views in **Snowflake** to extract and transform data from multiple sources
- Utilized **Looker** to design and create interactive dashboards, enabling stakeholders to understand the KPIs
- Collaborated with data engineers to optimize data models and queries in Snowflake for improved query performance
- Fixed data holes to keep data up to date in Looker by analyzing structured and unstructured data sets in **Snowflake**
- Implemented **Circle CI** workflows across various projects to automate tests, saving over 20 hours

Software Developer Intern, Mitra Software's   May 2017 – Aug 2017

- Reformed over 40 ETL process speed by 40% and improved runtime of database by 20% through query optimization

SKILLS

Programming Languages:	Java, SQL, Python (pandas, numpy, scikit, matplotlib, seaborn)
Database/Big Data:	MySQL, Microsoft SQL Server, Oracle, PostgreSQL, Snowflake, Redshift, BigQuery
Business Intelligence:	Looker, Tableau, PowerBI, Google Analytics, Advanced Excel
Data Integration/ETL:	Azure Data Factory, SSIS, Alteryx, Talend, Azure Synapse
Tools:	GitHub, Bitbucket, AWS (S3, EC2, SageMaker), Heroku, Circle CI, JIRA, Jupyter Notebook
Machine Learning algorithms:	Predictive Modeling, Time Series, Regression, Classification, Clustering

CERTIFICATIONS

Azure Data Engineer Associate (Microsoft), The Complete Data Build Tool (DBT) Bootcamp by Udemy