POOJITHA TUMMALA

Erie, PA 16506 ◆ ◆ minnipooja15@gmail.com

# PROFESSIONAL SUMMARY

Highly motivated and results-oriented Data Analyst with 4+ years of experience in designing, building, and maintaining data pipelines, data models, data warehouses and extracting valuable insights from complex datasets .Proven ability to transform raw data into actionable insights through data cleaning, transformation, and analysis. Skilled in programming languages like Python and SQL, along with big data technologies (e.g., Apache Spark) and data visualization tools (e.g., Tableau). Strong collaborator with excellent communication and problem-solving skills . Continuously committed to staying updated with the latest industry trends and technologies.

# SKILLS

Programming Language : Python

Data analytics and Business Intelligence Amazon Web Services

Software development life cycle (SDLC) Data Lakes and ETL/ELT Processes

Databases

Power BI , tableau SQL

Agile frameworks-Scrum,Kanban JIRA

# WORK HISTORY

**Data Analyst**, 01/2023 - Current

**Fiserv** – Frisco, TX

Developed Python scripts to automate data cleaning and pre-processing tasks, improving data quality and consistency.

Optimized complex SQL queries, achieving 30% reduction in data processing time.

Designed and implemented robust data models to support complex DAX queries and reports, optimizing performance and scalability.

Delivered cross-functional reports and dashboards that increased user adoption of self-service analytics by 20%.

Collaborated with data engineers and business stakeholders to modernize BI platforms and implement drill-down dashboarding capabilities.

Working knowledge on AWS Products and services like AWS EC2, EBS Volumes, Security Groups. Utilized Principal Component Analysis (PCA) to reduce dimensionality of a large dataset, enabling

efficient visualization and analysis.

Experience building ETL Pipelines to query data from relational databases like MySQL/ SQLite/ SQL Server and non relational databases like MongoDB, scheduling in a specific order through airflow.

Experience collaborating with marketing and strategy teams to identify business goals and transformed the business goals into IT specifications

**Senior Analyst**, 04/2020 - 06/2022

**Cyphel Info Solutions Pvt Ltd.** – Bangalore ,India

Built data analysis dashboards using Python libraries like Pandas and Matplotlib for interactive data exploration.

Provided analytical, statistical, and programming to identify key market trends focused on insights, user growth and content by performing market and competitive analyses.

Expertise in writing advanced SQL queries for data extraction and manipulation, ensuring efficient data retrieval for reports.

Developed and optimized SQL queries for financial reporting, reducing processing time by 30% and significantly improving report generation speed.

Optimized existing stored procedures and functions, resulting in 25% improvement in application performance and user experience.

Financial service acumen & or experience to lead large cross functional initiatives Ability to accurately determine length and difficulty of tasks and projects

Ability to work with seamlessly with remote teams Delivery of high-quality strategic large-scale projects.

Self-directed, effective at prioritizing tasks, managing time, organizing people and getting things done. Exceptional influencing skills with sound judgment and decision-making skills.

Reduced the number of blockers by 50% and increased the team's ability to deliver high quality features by introducing scrum of scrums (SoS)

Coached team in optimal time utilization through concepts of scrum and agile management methodologies.

**Data Analyst**, 11/2017 - 09/2018

**Capefox Technologies Pvt Ltd.** – Hyderabad ,India

Streamlined data processing for faster results by implementing advanced analytics tools.

Developed custom algorithms to optimize data mining, increasing the effectiveness of analytical insights. Developed Excel Power View, Power Query and Power Pivot dashboards for data analysis.

Utilized SQL programming and data visualization tools to analyze and interpret large data sets. Prepared reports on different types of audits and analysis.

Participating in weekly calibrations with operations and training team Performed data analysis to find root-cause of identified issues.

Led as a back-up support when needed for team members in the absence of team lead. Created complex stored procedures for reporting services and Analyzed reports using SSRS. Member of the Ideation Team and motivated the team to contribute ideas for improvement. Developed Health check monitoring tool for all the scheduled jobs using Python

Worked on joins and sub queries to simplify complex queries involving multiple tables.

# EDUCATION

**Bachelor of Science**: Chemical Engineering

**Gayatri Vidya Parishad College Of Engineering** - Visakhapatnam ,India