Pogula Arun Kumar

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| **7+ years of experience,** Lead Engineer expertise in Data Engineering and Cloud Data Warehouse in refining Data Ingestion and building data pipelines.  Skills: Snowflake, AWS, Azure, DBT, Airflow, SQL, Python, Tera Data, ETL Tool (Talend), GitHub and JIRA and Confluence |

Main Skills *3filets.png*

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| Programming languages | SQL, Python (Basics), Java Scripting. |
| Google Cloud Platforms Services | Cloud Storage: AWS, AZURE |
| Cloud Data Warehouse | Snowflake |
| Build Tools | DBT |
| Orchestration Tools | Apache Airflow, Control -M |
| Domain knowledge | Banking, Health Care |
| Version Control | GIT |
| CI/CD | GitHub |
| Visualization Tools | Power BI |
| Operating Systems | Windows |

Education - Languages 3filets.png

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| MCA | S V University, Tirupati | March 2010 |
| Languages | English, Telugu, Kannada |  |

Certifications 3filets.png

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| Name | **Expiry** |
| Snowflake Badges | - |

Projects *3filets.png*

**Client – Bayer AG – Visual BI Solution India Pvt Ltd.** May 2023 - Sept 2023.

Project’s Description:

* Bayer [AG](https://en.wikipedia.org/wiki/Aktiengesellschaft)  is a German [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [pharmaceutical](https://en.wikipedia.org/wiki/Pharmaceutical_company) and [life sciences](https://en.wikipedia.org/wiki/Life_sciences) company and one of the largest [pharmaceutical companies](https://en.wikipedia.org/wiki/Pharmaceutical_companies) in the world. Headquartered in [Leverkusen](https://en.wikipedia.org/wiki/Leverkusen), Bayer's areas of business include human and veterinary pharmaceuticals; consumer healthcare products; agricultural chemicals, seeds and biotechnology products. Bayer is a Life Science company with a more than 150-year history and core competencies in the areas of health care and agriculture. With our innovative products, we are contributing to finding solutions to some of the major challenges of our time. A growing and aging world population requires an adequate supply of food and improved medical care. With our innovative products, we are contributing to finding solutions to some of the major challenges of our time. With life expectancy continuing to rise, we improve quality of life for a growing population by focusing our research and development activities on preventing, alleviating and treating diseases. We are also making an important contribution to providing a reliable supply of high-quality food, food and plant-based raw materials.
* **Responsibility:** Designed and customized data models for Data warehouse supporting data from multiple sources in real time. Involved in building the ETL architecture and Source to Target mapping to load data into Data warehouse

Tasks to be carried out:

* Create task flows to automate the data loading/unloading to/from Snowflake data warehouse and AWS S3
* Writing Stored procedures and writing complex SQL queries.
* Writing complex SQL scripts in Snowflake data warehouse to support Business reporting
* Develop & Schedule Airflow DAGs to automate migration workflow.
* Build containerized logic to ensure data consistency in Data Migration process.

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| Project Environment | Operating system  & Tools | Windows, Snowflake, Aws S3, DBT, Teradata, Apache Airflow, SQL, Python Scripting, JIRA |
| CI/CD | GitHub |

**Client – Amgen -People prime world-wide Pvt Ltd (Zensar Technology)** Nov 2022 - March 2023.

Project’s Description:

* Amgen Inc. (formerly Applied Molecular Genetics Inc.) is an American multinational [biopharmaceutical](https://en.wikipedia.org/wiki/Biopharmaceutical) [company](https://en.wikipedia.org/wiki/Corporation) headquartered in California. One of the world's largest independent [biotechnology](https://en.wikipedia.org/wiki/Biotechnology) companies, Amgen, was established in Thousand Oaks, California, in 1980. Amgen's Thousand Oaks staff in 2017 numbered 5,125 (7.5% of total city employment) and included hundreds of scientists, making Amgen the largest employer in [Ventura County](https://en.wikipedia.org/wiki/Ventura_County,_California). Focused on [molecular biology](https://en.wikipedia.org/wiki/Molecular_biology) and [biochemistry](https://en.wikipedia.org/wiki/Biochemistry), its goal is to provide a healthcare business based on [recombinant DNA technology](https://en.wikipedia.org/wiki/Recombinant_DNA_technology).
* **Responsibility:** Performing all SDLC phases to complete ETL development work (Requirement Gathering, Analysis, Design, Unit Testing, Deployment)

Tasks to be carried out:

* Writing Stored procedures and writing complex SQL queries.
* Developed SQL queries based on customer requirement using various Joins.
* Configure data models into tables, views and Incremental by Terraform, Snowflake & DBT models.
* Develop & Schedule Airflow DAGs to automate migration workflow.
* Build containerized logic to ensure data consistency in Data Migration process.

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| Project Environment | Operating system  & Tools | Windows, Snowflake, AZURE, DBT, Talend, Apache Airflow, Control -M SQL, Python Scripting, JIRA |
| CI/CD | GitHub |

Projects *3filets.png*

**Client-JP Morgan Chase &Co**  Jan 2015 – July 2022.

Project’s Description:

* JP Morgan Chase & Co. (stylized as JP Morgan Chase) is an American multinational financial services firm headquartered in New York City and incorporated in Delaware. It is the largest bank in the United States and the world's largest bank by market capitalization as of 2023.[3][4] As the largest of the Big Four banks in America, the firm is considered systemically important by the Financial Stability Board. Its size and scale have often led to enhanced regulatory oversight as well as the maintenance of an internal "Fortress Balance Sheet".[5][6] The firm is headquartered at 383 Madison Avenue in Midtown Manhattan and is set to move into the under-construction JP Morgan Chase Building at 270 Park Avenue in 2025.[7]
* **Responsibility:** Worked in various roles like account admin, security admin, user admin, sysadmin and public assigning to the users.

Tasks to be carried out:

* Writing complex SQL scripts in Snowflake data warehouse to support Business reporting
* Writing Stored procedures and writing complex SQL queries.
* Design and Implement SQL logic in transformation in result of Structured and Clean Data.
* Creating automated scripts to load data from Snowflake to though spot server.
* Validation and enhancing transformed data to ensure data accuracy and readiness for stakeholders.

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| Project Environment | Languages, Scripting & Frameworks | SQL, Snowflake |
| Operating system  & Tools | Windows, JIRA, Control-M |
| Version Control | GitHub |