ANUPAMA GODARA

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WORK EXPERIENCE

Associate Engineer | S&P Global *(Jul 2023- Present)*
- **Optimized Cloud infrastructure** by automating infrastructure provisioning using **Terraform**, improving efficiency in Python code deployment on AWS.
- **Increased scalability and efficiency** by implementing serverless solutions using **AWS Lambda** and **API Gateway**, reducing operational costs by 25%.
- **Spearheaded** process improvements by developing an automated archival process with **Power Automate**, enhancing data delivery efficiency.
- **Developed and deployed Machine Learning models** to forecast cloud resource usage and optimize cost efficiency, enabling proactive decision-making and improving overall operational performance by 20%.
- **Architected** and implemented a robust data pipeline using **AWS Cloud services**, enabling point-in-time recovery and comprehensive historical record-keeping. Ensured data integrity and scalability, leading to a **99.9% data accuracy rate** and 35% increase in data retrieval speed.
- Utilized Python scripts for data ingestion into **Azure Blob Storage** and Amazon **RDS**, enhancing data management efficiency and ensuring seamless integration across cloud services.
- Developed and maintained **CI/CD pipelines** for Power BI reports using **Git**, optimizing data-driven insights, and improving reporting scalability by 40%.
- Built a data pipeline to process and store **Parquet** files efficiently, improving storage optimization and query performance across cloud platforms.

Business Analyst | Captain Fresh *(Sept 2022- Jan 2023)*
- Utilized **Python** to automate data cleaning and pre-processing tasks, reducing data preparation time by 30%
- Conducted **data analysis** using **SQL**, including creating custom queries to harmonize data for various reports based on management requirements
- Created **interactive dashboards** using **Tableau**, resulting in a 50% reduction in time spent on ad-hoc reporting and data analysis
- Migrated the company's entire database from **MS Excel** to Tableau, ensuring real-time data availability and improving data accuracy

SEO Analyst | MiM-Essay *(Mar 2021 – Oct 2021)*
- Worked on SEO Auditing to find out solutions to improve rank of the website
- Carried out bounce rate and conversion rate analysis for the website using **MySQL database**
- **Increased** online traffic by 30% through SEO, link building & content marketing
- **Enhanced** site interface, reducing bounce rate by **24%** & **boosting** return visitors by 35%

EDUCATION

Netaji Subhas Institute of Technology, Delhi
Bachelor of Engineering – 8.1 CGPA   Jul 2015 – May 2019

POSITION OF RESPONSIBILITY

Time Tracking Project Lead
- Engineered a SQL-based data pipeline to extract, transform, and analyze timesheet data from Serena Business Manager (SBM), providing comprehensive insights into workforce time tracking.
- Developed Python scripts to automate compliance evaluations, analyzing time-tracking data per period and business line for accuracy and completeness.
- Built SQL queries and dashboards to monitor time tracking submissions by status, enabling real-time compliance tracking and improving overall adherence by 75%.

Data Pipeline Setup for Business Operations Team
- Handled the complete CI/CD setup of the data pipeline from start to end using Git and Terraform.
- Automated all the stages of the data pipeline, reducing manual intervention and minimizing errors.
- Ensured the data pipeline adhered to security protocols and compliance requirements, safeguarding sensitive data and maintaining regulatory standards.

ACHIEVEMENTS

- Received S&P Global Recognition Award for contribution in Data Pipeline Setup for AI/ML Implementation
- Received **Development Excellence Award** on behalf of OCTO Data Intelligence Team

SKILLS

- Languages: Python, C/C++
- Database: PostgreSQL, NoSQL, Snowflake, DuckDB, Amazon Redshift
- ETL Tools: PySpark, Apache Airflow, DBT, AWS Glue
- DevOps: Git, GitLab, Docker, CI/CD Pipeline, Terraform, Amazon ECR
- Cloud Computing (AWS Services & Azure), Power BI (Advance), Tableau, ML(Scikit-Learn, Tensorflow)

CERTIFICATIONS

- Hashicorp Terraform Cloud Associate (003)