 



Rohit Dogra

|  |  |
| --- | --- |
| Contact | |
| Mobile/Phone | 7986842130 |
| Email | [rohit.10825243@ltimindtree.com](mailto:rohit.10825243@ltimindtree.com) |

|  |  |
| --- | --- |
| Educational Qualification | |
| Education & Credentials | Rayat Bahra University Bachelor Of Technology 2016-2020  Studied a range of subjects including computer science, software engineering, information systems |

|  |  |
| --- | --- |
| Experience Summary | |
| **LTI Mindtree Experience: 6 Month(s)** | * + - 1. *Python Backend Development & API Optimization:*          * Developed **Flask** web apps, optimizing **API performance** by 25%.          * Built and maintained **RESTful APIs** with complex request handling and database integration.       2. *Backend & Cloud Integration:*          * Containerized apps with **Docker** and automated **CI/CD** using **Jenkins**.          * Designed and managed **Snowflake stored procedures** for data transformation.       3. *Testing, Code Quality & CI/CD:*          * Boosted **test coverage** to 83% using **pytest, SQLAlchemy ORM**, and enforced **PEP 8**.       4. *Collaboration & Agile Practices:*          * Actively contributed to **Agile teams**, managing **JIRA tasks** for development and bug fixes. |
| **Mphasis Limited Experience: 3 year** | * + - 1. *Data Engineering & Cloud Solutions:*          * Migrated **150 TB** from **Teradata to GCP BigQuery** using **Python & ETL tools**.          * Designed scalable **data models** and automated migration processes.       2. *Code Reviews, Testing & Performance Tuning:*          * Led **code reviews, testing, and performance tuning**. |

|  |  |
| --- | --- |
|  | * + - 1. *Collaboration & Agile Methodologies:*          * Worked in **Agile teams**, handling **JIRA tasks** and sprint planning. |

|  |
| --- |
| Professional Summary |
| * Full Stack Development: Expertise in Python, Flask, Django, and JavaScript frameworks for developing scalable web applications. * Backend & API Development: Designed and optimized RESTful APIs, microservices, and backend systems using Flask and Django. * Database Management: Extensive experience with SQL, Oracle, MySQL, Microsoft SQL Server, Snowflake, and GCP BigQuery. * Cloud Technologies: Hands-on experience, managing cloud-based applications, data storage, and deployment. * CI/CD & Automation: Implemented CI/CD pipelines using Jenkins, Git, Bitbucket, and Docker to streamline deployment. * Containerization & Orchestration: Proficient in Docker & Kubernetes, ensuring smooth application deployment and scalability. * Data Engineering & Migration: Migrated 150TB+ of data from Teradata to GCP BigQuery using ETL tools and Python scripts. * Performance Optimization: Increased API response speed by 25% and boosted test case coverage from 40% to 83% using Pytest. * Agile & DevOps Practices: Collaborated with cross-functional teams, actively managing JIRA tickets and participating in Agile ceremonies. * Security & Code Quality: Ensured high-quality, PEP 8-compliant code using Flake8, Black, and SQLAlchemy ORM. * AI/ML Integration: Worked on AI/ML-driven data products, optimizing backend services for improved system scalability. * Certifications: Google Cloud Associate Cloud Engineer & Professional Cloud Architect Certified. * Technical Leadership: Mentored junior developers, conducted code reviews, and contributed to best practices in software engineering. |

|  |  |
| --- | --- |
| Skills Summary | |
| Domain | * Full Stack Development * Data Engineering * Cloud Computing (GCP & AWS) * Web Application Development * API Development & Optimization * Database Management & Migration * CI/CD & DevOps * Automation & Scripting |
| Programming Languages | Python, SQL |
| Operating System / ERP Version | Windows, Unix, Linux |
| Tools / DB / Packages / Framework / ERP Components | * **Web Frameworks:** Flask, Django, FastAPI * **Databases:** Oracle, MySQL, Microsoft SQL Server, GCP BigQuery, Snowflake, Teradata * **Cloud Platforms:** GCP (BigQuery, Cloud Functions, GCS, IAM), AWS (S3, EC2, Lambda, RedShift, Glue, ECS) * **DevOps & CI/CD:** Docker, Kubernetes, Jenkins, Git, Bitbucket, MBPL * **Data Engineering & ETL Tools:** PySpark, Informatica, Talend, Hadoop, Hive * **Testing & Code Quality:** Pytest, Flake8, Black * **Project Management Tools:** Jira, Remedy BMC |
| Hardware Platforms | * Cloud-based & On-Premise Infrastructure * x86-based Servers (Linux & Unix Environments) |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| Work Experience | | | |
| Project 1 LTIMINDTREE | | | |
| Project Name | Fosfor Product Development | Team Size | 8 |
| Start Date | November 2024 | End Date | April 2025 |
| Project Description | Fosfor is an advanced AI/ML-driven data product suite focused on enhancing data intelligence, analytics, and automation capabilities. The project involved developing backend services, optimizing API performance, improving deployment efficiency, and ensuring seamless cloud-based solutions | | |
| Role & Contribution | * Designed and implemented unit test cases, increasing test coverage from 40% to 83% for robust and reliable code. * Developed and experimented with cutting-edge AI/ML-driven features, enhancing system capabilities. * Optimized API performance, reducing response time by 25% through query refactoring and efficiency improvements. * Developed and maintained backend services using Flask, FastAPI, and SQL, improving scalability and maintainability. * Implemented CI/CD pipelines using Jenkins and MBPL, automating deployments and hotfix management. * Managed containerized deployments using Docker and AWS ECR, ensuring smooth production releases. * Configured Snowflake stored procedures for seamless data transformations and analytics processing. * Integrated Swagger for API documentation, improving developer accessibility and usability. * Deployed cloud-based solutions on GCP and AWS, ensuring high availability and security compliance. * Actively managed JIRA tasks, handling feature enhancements, bug fixes, and Agile sprint planning. * Conducted code reviews and collaborated with cross-functional teams, maintaining coding standards with Flake8 and Black. | | |
| Technology & Tools | * **Backend:** Flask, FastAPI, Python, SQL * **Cloud & DevOps:** AWS (ECR, Lambda, S3), GCP (BigQuery, IAM) * **CI/CD & Deployment:** Jenkins, MBPL, Docker, Kubernetes * **Database & Data Processing:** Snowflake, SQL, Stored Procedures * **Code Quality & Documentation:** Swagger, Flake8, Black * **Project Management:** JIRA | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Project 2 Mphasis Limited | | | |
| Project Name | DBA Work Tracker & Currency Calendar | Team Size | 2 |
| Start Date | December 2022 | End Date | November 2024 |
| Project Description | Developed DBA Work Tracker and Currency Calendar, two robust applications designed to enhance work tracking, database patching automation, and real-time monitoring. These applications streamlined task management, patching execution, and data visualization for improved operational efficiency. | | |
| Role & Contribution | * Designed and developed DBA Work Tracker, a Python Django-based work tracking application for task management. * Built Currency Calendar, integrating backend APIs with AJAX, JavaScript, and Oracle Database, ensuring seamless data flow. * Implemented key features such as task association, progress tracking, real-time alerts, and social sharing, improving project visibility. * Developed a real-time database patching dashboard, displaying live patching details and automation results. * Automated Oracle and SQL database patching, reducing manual effort and improving efficiency. * Created a user-friendly UI for scheduling and executing one-click database patching and version tracking. * Enhanced data visualization through interactive graphs and charts, helping in trend analysis and decision-making. * Configured real-time alerts and notifications for deadline tracking and task completion, improving team collaboration. * Integrated Flask APIs and AJAX requests to optimize API performance and response time. * Managed JIRA tickets for bug fixes, feature enhancements, and Agile sprint planning. | | |
| Technology & Tools | * **Backend:** Django, Flask, Python * **Frontend:** JavaScript, AJAX * **Database:** Oracle, SQL, Stored Procedures * **Cloud & Deployment:** AWS (S3, Lambda), Gunicorn, Nginx * **Automation & DevOps:** Jenkins, Shell Scripting * **Project Management:** JIRA | | |

|  |  |
| --- | --- |
| Project 2 | Mphasis Limited |
| Project Name | DaRT-GDT Managed Capacity |
| Start Date | December 2021 |
| End Date | November 2022 |
| Project Description | Led the **data migration** from **Teradata to Google Cloud BigQuery**, ensuring **data integrity, accuracy, and performance optimization**. Designed and implemented **scalable ETL processes** to streamline **data ingestion, transformation, and validation**. |
| Role & Contribution | * Migrated 150 TB+ of data from Teradata to GCP BigQuery, ensuring minimal downtime and data consistency. * Developed ETL pipelines using Python, SQL, and GCP Dataflow, handling incremental loads and Change Data Capture (CDC). * Designed and implemented optimized data models in BigQuery, improving query performance and cost efficiency. * Automated data profiling, cleansing, and validation processes to enhance data quality. * Developed Python scripts to automate data transformation, scheduling, and monitoring in GCP. * Collaborated with cross-functional teams to define data migration strategies aligned with business requirements. * Provided technical documentation and training to ensure smooth transition and knowledge transfer. * Optimized query performance in BigQuery by implementing partitioning and clustering techniques. * Managed GCP IAM roles and permissions, ensuring secure and controlled access to BigQuery datasets. |
| Technology & Tools | * Migrated 150 TB+ of data from Teradata to GCP BigQuery, ensuring minimal downtime and data consistency. * Developed ETL pipelines using Python, SQL, and GCP Dataflow, handling incremental loads and Change Data Capture (CDC). * Designed and implemented optimized data models in BigQuery, improving query performance and cost efficiency. * Automated data profiling, cleansing, and validation processes to enhance data quality. * Developed Python scripts to automate data transformation, scheduling, and monitoring in GCP. * Collaborated with cross-functional teams to define data migration strategies aligned with business requirements. * Provided technical documentation and training to ensure smooth transition and knowledge transfer. * Optimized query performance in BigQuery by implementing partitioning and clustering techniques. * Managed GCP IAM roles and permissions, ensuring secure and controlled access to BigQuery datasets. |