Aman Abhishek

amanabhishek922@gmail.com | +91 - 8873003086 | **GitHub**

Education

DR. DY Patil School of Engineering Academy, Pune, India   **Aug 2021**
Bachelor of Engineering in Computer Science   *CGPA : 8.83*

Technical Skills

- **Language**: PLSQL , T-SQL, SQL, Python
- **Database**: Oracle, Microsoft SQL Server, IBM DB2
- **Technology**: Oracle Cloud, IBM Cloud Pak for Business Automation, Microsoft SQL Server,
- **Others**: Oracle SQL Developer, ETL (SSIS), Microsoft Visual Studio, Data Warehouse, Git Bash, Bitbucket, DBeaver, Postman, XML/JSON, JIRA, Confluence, Query Optimization, Performance Tuning, Agile Methodology, WebSphere Application Server, Pandas, SQLAlchemy, Data Visualization , Power BI

Work Experience

Accenture India Pvt. Ltd.   **Aug 2024 - May 2025**
Packaged App Development Analyst   *Kolkata, India*

Clients : Cedars Sinai , Sainsbury's

- Designed and developed complex database components including Stored Procedures, Triggers, Views, and Cursors to meet dynamic business needs
- Implemented Dynamic SQL, Collections to build flexible, reusable procedures
- Developed an audit Trigger to log all DML changes on Inbound Shipments.
- Performed automated jobs using Dbms Scheduler to scan all shipments of the current day and log those with high quantity during outside business hours
- Created Materialized Views to optimize complex joins and aggregations, enabling faster data retrieval
- Implemented Merge statements to consolidate and synchronize data from multiple staging tables into a centralized master table
- Optimized large volume data retrieval and performance by leveraging Bulk Collection technique, minimizing context switching between SQL and PL/SQL engines for efficient data processing
- Implemented Table Partitioning strategies to improve query performance and manage large volumes inventory data
- Used Git for version control, merging code changes into the client repository to integrate development updates
- Performed Performance Tuning by optimizing complex queries and tuning long-running procedures using Bulk Collect
- Worked on Query Optimization by rewriting sub-queries, improving join conditions, and analyzing execution plans to enhance database performance
- Collaborated with functional teams to analyze requirements, create technical specifications, and deliver scalable solutions aligned with enterprise standards
- Collaborated with senior architects to design scalable database architectures, and reviewed schemas to ensure alignment with business requirements

Capgemini Technology Services India Limited   **Aug 2021 - Aug 2024**
Senior Software Engineer   *Kolkata, India*

Clients : Prudential Singapore, Capgemini America Inc.

- Configured secure connectivity between cloud based application workflow and on-premises database via WebSphere Application Server Console
- Developed and configured over 35 database services and integrated it with the application main workflow
- Used Cursors to identify and archive sold property listings into a log table with full context before deletion, ensuring auditability and clean active listings
- Created Triggers for capturing user login details and DML operations into audit log tables
- Implemented Trigger-based policy number validation and logged invalid entries into a dedicated error log table, ensuring data integrity and aiding downstream troubleshooting
- Utilized Joins, Sub-queries, Indexing, and conditional logic to efficiently manage and analyze Hyper-Personalization datasets comprising more than 45,000 properties
- Designed and implemented SSIS Pipelines to extract data from flat files and load into SQL Server database efficiently
- Developed reusable Data Flow Pipelines and applied data transformations to cleanse and standardize flat file data before database insertion using SSIS extension in Visual Studio
- Used Python (with Pandas and SQLAlchemy) to efficiently load and insert multiple flat files into the database during unit testing phase
- Granted user access and privileges for various activities in database operations
- Automated regular Database Backups scheduled to ensure data safety and recovery readiness
- Designed and optimized complex queries using Common Table Expressions (CTEs), and Window Functions specifically tailored for managing active-inactive policy holders
- Designed and developed Database schemas, tables, and developed database services across DEV, SIT, and UAT environments,
- Resolved multiple JIRA tickets assigned during different phases of development and after go-live
- Used Bitbucket and Git Bash for managing repositories
- Executed Liquibase Scripting to manage database changes and version control
- Maintained project documentation in Confluence, utilized Draw.io for workflow diagrams, and created monthly policy dashboards using Power BI Desktop

Projects

Evaluation of Handwritten Mathematical Equations (View Published Paper)
Used Python to build a machine learning model using MATLAB, OpenCV, Neural Network to recognize handwritten equation on the paper

Streamlined data consolidation for Starbucks by merging datasets into a single source using scheduled automation. (View on GitHub)
Worked on Oracle SQL Developer, utilizing PL/SQL with version control handled via Git and GitHub

Analyzing-unicorn-companies (View on GitHub)
Utilized Advanced SQL techniques to analyze industry-specific data and identify companies surpassing 1B dollar valuation

Awards and Certifications (View Certificates)

- **Probation Achievement at Accenture:** Received formal recognition and certificate for outstanding performance on Cedars-Sinai project, leading to early probation completion in less than 3 months instead of the standard 6
- **Spotlight Award 2023:** Capgemini Spotlight-Outstanding Performance Award 2023 for excellence in project delivery
- **IBM Professional Certification:** IBM Certified Solution Architect - Cloud Pak for Business Automation v21.0.3
- **Oracle Professional Certification:** Oracle Cloud Infrastructure 2024 Generative AI Professional - 1Z0-1127-24
- **HackerRank Certification:** SQL Advanced, SQL Intermediate, SQL Beginner
- **Microsoft Certification:** Microsoft Azure Developer Associate