FAHEEM
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Experienced Software Developer with over 4 years of hands-on experience in Python web development using Django, Oracle PL/SQL, and cloud-based technologies. Proficient in designing scalable solutions, optimizing performance, and ensuring seamless integration across diverse systems. Adept at collaborating with cross-functional teams to deliver high-quality, user-centric applications within tight deadlines. Passionate about leveraging technology to solve complex problems and drive business growth.

Professional Summary

- Experienced in all phases of the Software Development Life Cycle (SDLC), including requirements gathering, development, testing, and deployment.
- Delivered solutions in developing robust RESTful APIs using Django, Flask and Django Rest Framework.
- Experienced in using the MVT design pattern to write clean, well-organized, and maintainable Django code.
- Experienced in integrating third-party APIs, including weather data services (e.g., OpenWeatherMap), and authentication services (e.g., OAuth).
- Experienced in implementing Object-Oriented Programming Languages (OOPS).
- Experience in leveraging Object-Relational Mapping (ORM) in Django for efficient database operations and streamlined workflows.
- Delivered solutions using cloud technologies, including AWS services, and Docker for developing and deploying containerized applications.
- Good understanding of frontend technologies, including HTML, CSS, JavaScript, and Bootstrap.
- Experienced in using Git for version control, facilitating collaborative development and maintaining code quality.
- Delivered solutions in Oracle Database development, including creating database objects like tables, views, and materialized views, and writing complex SQL queries with analytical and window functions for reporting purposes.
- Experienced in developing and optimizing complex PL/SQL packages, procedures, functions, and triggers to implement robust business logic.
- Delivered solutions using CURSORs, REF CURSORs, FORALL loops, PL/SQL collections, and object types to handle large datasets and improve performance.
- Experienced in SQL query optimization techniques, such as indexing, partitioning, materialized views, and bulk operations, significantly improving execution times.
- Experienced in data migration and integration using SQL*Loader and UTL_FILE for seamless transitions between flat files and Oracle databases.
- Extensive experience with Agile methodologies, utilizing tools like Jira to ensure task tracking and on-time delivery of solutions.

Technical Skills

- Python Web Development (Django, Flask), REST APIs
- Frontend: Html, CSS, JavaScript, Bootstrap
- Oracle SQL & PL/SQL, Database Design & Optimization
- AWS Services: Lambda, API Gateway, ECS, EBS, S3, CloudFormation, CI/CD Pipelines
- ETL: SQL*Loader, UTL_FILE, cx_Oracle, SQLAlchemy
- Agile Development Methodologies, Jira
- Unix Shell Scripting, Git, Docker

Professional Experience
Software Developer
Techno-IT | January 2024 – Present

- Delivered solutions for a portfolio management system for a financial institution, leveraging Django REST Framework to create secure, scalable APIs for client data visualization.
- Designed and implemented user authentication workflows, ensuring compliance with financial data security standards.
- Integrated third-party APIs, including payment gateways (e.g., Stripe, PayPal) and authentication services (e.g., OAuth).
- Deployed and managed applications on AWS (EC2, S3), ensuring high availability and scalability.
- Designed and optimized relational database schemas for scalability and performance.
- Deployed application on AWS Elastic Beanstalk, reducing downtime and improving reliability for users.
- Built and deployed Dockerized applications using AWS ECS and ECR, streamlining environment management.
- Automated deployment processes using AWS CodePipeline, cutting deployment time by 50% for a payment processing platform.
- Integrated AWS Lambda for real-time analytics on transactional data, enhancing fraud detection capabilities.
- Streamlined ETL workflows for migrating financial records across databases, utilizing Python, SQLAlchemy, and cx_Oracle to handle records daily.
- Optimized financial reporting queries with Django ORM, reducing average data retrieval times by 40%.
- Coordinated with cross-functional teams, including QA and product management, to align software delivery with business goals.
- Collaborated with cross-functional teams to gather requirements and deliver user-friendly solutions.
- Wrote unit and integration tests to ensure application reliability and reduce bugs.

- Improved application performance through database indexing and query optimization.

Oracle PL/SQL Developer
Synergy MSP | February 2021 – December 2023

- Designed and implemented complex PL/SQL packages, reducing data processing times by **30%**.
- Developed views, materialized views to improve reporting dashboards, enabling real-time analytics.
- Optimized SQL queries using indexing, partitioning, and Explain Plan, improving query performance by **40%**.
- Automated business workflows using PL/SQL packages, decreasing manual intervention by **50%**.
- Utilized SQL*Loader and UTL_FILE for efficient data migration between flat files and Oracle databases.
- Leveraged Bulk Collect and FORALL operations to enhance data handling efficiency.
- Automated processes using Unix Shell scripting and Oracle DBMS_SCHEDULER for scheduling jobs.
- Used CURSORs in PL/SQL to efficiently retrieve and process data from complex queries involving multiple tables, enabling row-by-row data manipulation and optimizing resource usage for large datasets.
- Utilized REF CURSORs to return multiple result sets through procedure OUT parameters and function return values.
- Conducted error management and debugging using exception handling in PL/SQL for improved reliability.
- Collaborated with .NET developers to provide backend support for CRUD operations in API development.
- Tracked development progress using Jira, supporting agile sprint processes.

Education
Bachelor of Science in Information Technology (**BS-IT**)

Certifications
- AWS Certified Developer Associate
- AWS Certified Cloud Practitioner
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate

GitHub projects:

https://github.com/MuhammadFaheemAslam