Sanika Sapkal

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○ https://sanusapkal.github.io/Sanika_Sapkal_Portfolio/

Profile

Accomplished IT professional proficient in AWS, Python, SQL, java and PL/SQL.
Demonstrates expertise in cloud computing, scripting, and database management.
Proven track record in designing and implementing customized data models, optimizing database performance and developing wireframe designs.
Hands-on experience in AWS services for scalable and reliable cloud solutions.
Proficient in Python for automation, web development, and system integration.
Extensive work with SQL, and PL/SQL showcases adeptness in database application development and optimization.

Skills

Technical Skills

- AWS Lambda
- Python
- SQL
- PLSQL Development
- HTML
- CSS
- Postman API
- DBMS
- R12
- AWS Service APIs

Soft skills

- Critical thinking and problem solving
- Ability to Multitask Leadership Skills
- Ability to work under Pressure
- Fast Learner
- Complex Problem Solving
- Communication Skills
- Team Player

Professional Experience

2022 – present
Chennai, India

Associate Software Developer

- Designed and implemented a multi-tier application architecture using AWS services, resulting in a 50% improvement in application load times; architecture now supports an active user base of over 1,000 daily.
- Holds AWS Certified Developer certification, adept at leveraging AWS services to design, deploy, and maintain scalable and reliable applications.
- Expertise includes AWS Lambda, Python, and various AWS services for efficient and cost-effective code execution.
- Versatile IT professional skilled in SQL, PL/SQL, Python, AWS, HTML, and CSS.
- Focuses on data management and software development, ensuring data accuracy and integrity through SQL and PL/SQL.
- Proficient in Python for automation and custom application development, enhancing operational efficiency.
- Collaborated with clients to extract detailed business needs and requirements, facilitating the creation of tailored software solutions that improved client satisfaction ratings by 25% in key project areas.

Projects

1. Dealer Credit Portal

Hexaware Technologies, Chennai

Technologies Used:

HTML, CSS, PHP, AWS Lambda, Python, R12, PlSql, JSP, Java, Oracle iStore, Spryker.

Key Responsibilities:

- Develop and implement two dedicated user portals—one for Dealer users to   project aims to efficiently track and process all credit requests created by Dealer users.
- Designed and implemented the Dealer User Portal for submitting detailed credit requests, including the ability to save drafts and submit finalized requests.
- Developed the ADF User Portal for evaluating credit requests, with functionality to approve, approve with adjustments, post credit memos, or reject requests.
- Enabled ADF users to add internal and external comments to credit requests.
- Implemented automated email notifications to inform users about the status changes and comments on their credit requests.
- Developed and validated data retrieval processes to ensure accuracy and integrity.
- Utilized AWS services such as AWS Lambda for automated email notifications and AWS RDS for data retrieval and validation.
- Created an audit trail to track status changes and comments for each credit request over time.
- Established consistent and efficient automated email communication processes.

2. Subscription Portal

Hexaware Technologies, Chennai

Technologies Used :

Python, AWS services, Lambda API, Zuora API, ECS, Postman, JSP, JAVA, SQL, Oracle, Spryker.

Key Responsibilities :

- Integrated Spryker portal with AWS to enable dealers to purchase RSI subscriptions, leveraging Oracle, OIC, and Zuora APIs.
- Developed a process for creating 'Dealer Owned' customer accounts in Oracle, ensuring accurate account
- relationships and data integrity.
- Utilized Zuora API extensively for customer and tenant creation, subscription updates, and data fetching, integrate dvia AWS Lambda functions.
- Implemented synchronous and asynchronous processes using ECS and RDS to manage tenant creation and subscription processes with retry mechanisms for error handling.
- Developed robust error handling mechanisms with automated retries and logging using AWS RDS and Lambda, ensuring system reliability and user authentication management.
- Demonstrated expertise in SQL, PL/SQL, AWS services (Lambda, ECS, RDS), and API management, contributing to the successful integration and functionality of the subscription portal.

3. Order Status Report

Hexaware Technologies, Chennai

Technologies Used :

Python, AWS services, JSP, Angular, JAVA, SQL, Oracle iStore.

Key Responsibilities :

- Developed and secured the front-end of the application using Angular, HTML, and CSS to mitigate cross-site scripting (XSS) vulnerabilities.

- Implemented robust security measures, including code reviews and Angular's built-in features, to prevent malicious script injections.
- Utilized AWS Lambda functions to optimize and improve backend code, enhancing scalability and reducing operational overhead.
- Conducted thorough security audits and testing, collaborating with the security team to address vulnerabilities and ensure a secure application environment.
- Achieved a secure and visually appealing user interface while maintaining optimal performance through the integration of Angular, HTML, CSS, and AWS Lambda functions.

Education

2018 – 2022
Satara, India

Computer Science Engineering (B. Tech)
Dnyanshree Institute of Engineering and Technologies, Satara
GPA: 8.58/10.00

Certifications

- AWS Certified Cloud Practitioner

- AZ - 900

- Python 3 Programming Specialization(W3 Schools)

- Java Programming NPTEL

- GenAI Certification

Languages

- English
- Hindi
- Marathi