

Sanika Sapkal

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

Profile

Associate Software Developer

- Accomplished IT professional with proficiency 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 with AWS services for scalable and reliable cloud solutions, including AWS Lambda, EC2, S3, and RDS.
- Proficient in Python for automation, web development, and system integration, enhancing operational efficiency.
- Extensive work with SQL and PL/SQL showcases adeptness in database application development and optimization, ensuring data accuracy and integrity.
- Holds AWS Certified Developer certification, adept at leveraging AWS services to design, deploy, and maintain scalable and reliable applications.
- Successfully designed and implemented a multi-tier application architecture using AWS services, resulting in a 50% improvement in application load times and supporting an active user base of over 1,000 daily.
- 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

Skills

Technical Skills

- AWS Lambda, AWS RDS, AWS S3, AWS EC2, ECS, Cloudwatch, System Manager, IAM, VPCE, etc
- Python
- SQL
- PLSQL Development
- HTML
- CSS
- Postman API
- DBMS
- Java
- Oracle Integration Cloud

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

Projects

1. Dealer Credit Portal

Technologies Used:

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

Key Responsibilities:

- Developed and implemented two dedicated user portals: one for Dealer users to efficiently track and process all credit requests and another for ADF users to evaluate and manage these requests.
- Designed and implemented the Dealer User Portal for submitting detailed credit requests, including functionalities to save drafts and submit finalized requests.
- Developed the ADF User Portal with capabilities to approve, approve with adjustments, post credit memos, or reject credit requests, and add internal and external comments.
- Implemented automated email notifications using AWS Lambda to inform users about status changes and comments on their credit requests.
- Utilized AWS RDS for data retrieval and validation processes to ensure accuracy and integrity.
- Created an audit trail to track status changes and comments for each credit request over time, establishing consistent and efficient automated email communication processes.

2. Subscription Portal

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.

3. Order Status Report

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

Computer Science Engineering (B. Tech)

Dnyanshree Institute of Engineering and Technologies, Satara

GPA: 8.58/10.00

2018 – 2022

Satara, India

Certifications

- AWS Certified Cloud Practitioner
- AZ - 900
- Python 3 Programming Specialization(W3 Schools)
- Java Programming NPTEL
- GenAI Certification

Languages

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| • English | • Hindi | • Marathi |
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