More Raj Kumar

Software Developer

Personal Details

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Hyderabad, Telangana, India

Skills

Core Java

Spring boot

Maven

Tomcat 8.5 and 9

Web services

HTML & CSS

PostgreSQL

Database, MySQL

AWS Services (IAM,

EC2, VPC,Timestream

database,S3 and

docker)

Linux, Redhat OS

Shell Script, Python

Script

WinSCP, PuTTY

GitHub,SVN

Professional Summary

I have 2.6 years of experience, primarily focused on Java backend development. I have worked on building APIs, integrating AWS services, and developing solutions using Java 8 and Spring Boot. Additionally, I have experience with front-end technologies like ReactJS and working with databases such as PostgreSQL and MySQL. I have contributed to projects involving call center solutions, historical reporting, and performance metrics, with a strong emphasis on automation and system optimization.

- Developed Java projects and Maven-based web applications, as well as web services, tailored to client requirements using Java 8, Spring Boot, Tomcat 8.5/9, and Eclipse IDE.

- Set up Java and Tomcat on the customer's UAT servers running Red Hat OS, deployed applications to the Tomcat server, performed testing, and enabled services for access.

- Gained real-time experience with AWS services including IAM, EC2, VPC, Timestream Database, S3 and Docker.

- Secured the Timestream Database connection in AWS Cloud based on client requirements by utilizing the VPC service.

- Designed and implemented UI modules in React.js for real-time and historical reports, delivering dynamic and responsive visualizations for call center metrics.

- Used PostgreSQL database to create complex schemas for tasks and implemented data into the database using Shell, Perl, and Python scripts.

- Hands-on experience using various scripts (Shell, Python, and SQL) and utilizing cron jobs to automate script execution at scheduled intervals.

- Experienced in using tools like PuTTY and WinSCP for server management, with strong familiarity with various Linux operating systems and proficiency in basic Linux commands.

Work Experience

Software Developer.
Zenius IT Services.
Hyderabad.

JULY 2022 -- PRESENT

Education

Bachelor of Engineering, Sreenidhi Institute of Science and Technology

Computer Science and
Engineering
2014 -- 2018

Projects

AvayaPhonePe

Role : Developer

Technologies : Java 8, POM Framework, Eclipse IDE, Postman.

Description : The goal of the project was to develop three essential APIs tailored to meet client requirements for a system integrating POM (Preservation of Memory) and SambhaashanClient. These APIs were designed to enable crucial functionalities, including retrieving contact attributes, handling event ingestion, and adding contacts. Additionally, a strategic campaign strategy was implemented utilizing custom processor parameters to optimize campaign execution and enhance overall system performance.

Remotecommandhostlayer

Role : Developer

Technologies : Java 8, apache tomcat, Eclipse IDE, Postman.

Description : The goal of this project was to develop eight SOAP services based on specific client requirements. The project utilized core Java concepts and implemented robust exception handling mechanisms. Additionally, HTTPS certificates were utilized to ensure secure communication between the services and clients.

AIQ Analytics

Role : Developer

Technologies : Java, Amazon Connect, VPC, Time stream Database, Docker container, Jenkins, boto3 client library.

Description : I contributed to a project supporting a US bank's client communication system. The system used Amazon tools for client calls, an AIQ application for data processing, and a Timestream database for storing information. Reports, such as agent status and login/logout details, were generated and stored in an S3 bucket for client access.

Additionally, I addressed a critical security concern raised by the client. Initially, the Timestream database endpoint was vulnerable as it was in a public space. To enhance security, I led the implementation of a solution using the boto3 client library to privatize the connection. This restricted access to the database within a secure Virtual Private Cloud (VPC), ensuring protection against potential threats.

Zconnect

Role : Developer

Technologies : ReactJS, postgresql, Amazon connect, Freeswitch, Python FastApi, Shell script, mysql Script

Description : Call Center Solution Development (using FreeSWITCH)

I worked on developing a comprehensive call center solution based on FreeSWITCH, focusing on historical reporting and performance metrics. Using Amazon Connect as a reference, I created formulas to calculate key historical metrics essential for the call center's operations. My role involved designing the user interface for the metrics dashboard and integrating it with back-end APIs to fetch and display the calculated data. I was responsible for ensuring that the metric field calculations were accurate and efficiently processed, enhancing the overall functionality of the call center reporting system.

Declaration

I hereby state that the facts/information stated above are true and correct to the best of my Knowledge and Belief.

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