Jagannath Aravind Ganti

Senior Java Developer | AWS Cloud Engineer

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Warrensburg, United States

Results-driven Senior Java Developer & AWS Cloud Engineer with **8+ years of experience** designing **scalable, high-performance** applications.

EDUCATION

Masters in Computer Science
University of Central Missouri

01/2024 - Present

WORK EXPERIENCE

Senior Java Developer
Ocwen Financial Solutions Pvt Ltd

10/2020 - 11/2023

Achievements/Tasks

- Led backend development using Java, Spring Boot, and Microservices to build enterprise-grade applications.
- Designed and optimized cloud-based solutions leveraging AWS services such as ECS, API Gateway, and DynamoDB.
- Automated infrastructure deployment using Terraform and CloudFormation.
- Conducted performance tuning and optimized SQL queries for PostgreSQL databases.
- Provided mentorship to junior developers and conducted code reviews for best practices compliance.

Java Developer
Pacem Tech Solutions Private Limited

11/2014 - 12/2018

Achievements/Tasks

- Developed and maintained scalable Java-based applications with Spring Boot and Microservices architecture.
- Designed and implemented RESTful APIs for seamless integration with front-end systems.
- Deployed applications on AWS using EC2, S3, Lambda, and RDS for optimized performance.
- Worked with relational databases such as MySQL and PostgreSQL, ensuring data integrity and performance tuning.
- Collaborated with cross-functional teams to deliver high-quality software solutions.

SKILLS

- Cloud Technologies: Amazon Web Services (AWS)
- Database Technologies: MySQL, PostgreSQL
- Programming Languages & Frameworks: Java, Springboot
- Version Control and Software Tools/IDEs: Visual Studio
- Microsoft Office 2020

PERSONAL PROJECTS

Bandwidth Efficient Image Sharing during Disasters, (Java, Swing) (01/2014 - 03/2014)

- Worked on the problem encountered during disasters for sharing images due to the surge in the number of users in • the network of time-critical during signal degradation and inferior signal quality.
- Incorporated Software using java and swing framework, which extract features of an image and stores them in a • real-time database and used lossless image compression to compress the image.

ACHIEVEMENTS

Optimized Java-based microservices and database queries, reducing response time and improving overall system efficiency by 30%

Successfully refactored a monolithic Java application into Spring Boot microservices, improving scalability and maintainability.

Moved static file storage to AWS S3, reducing infrastructure costs by 25%

Optimized compute resources using EC2 Auto Scaling, reducing underutilization by 20%.

Developed a fault-tolerant architecture using AWS Load Balancers, Auto Scaling, and DynamoDB, ensuring high availability.

Used Terraform & AWS CloudFormation to manage infrastructure as code, reducing deployment errors by 70%.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Full Professional Proficiency