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Senior Software Engineer | AWS Cloud

Summary

I'm a seasoned senior software engineer with over 9 years of experience in designing, developing, and deploying complex software systems using Java and various other technologies. My diverse skill set and expertise in Java programming and related frameworks allow me to tackle diverse technological challenges. I prioritize optimizing software performance, scalability, and security, implementing industry best practices and staying up-to-date with emerging Java technologies. In addition to my technical abilities, I excel in leadership roles, inspiring and leading teams while fostering a collaborative work environment. Mentoring and empowering junior developers to succeed is a personal passion of mine. With effective communication skills, I facilitate collaboration with non-technical stakeholders. Passionate about continuous improvement and innovation in Java, I deliver high-quality software solutions and aim to make a meaningful impact in your organization.

I possess excellent communication skills and thrive in collaborative environments, actively contributing to team discussions and problem-solving activities. I value creativity and encourage out-of-the-box thinking, seeking innovative solutions, and embracing diverse ideas. My emphasis on effective communication, teamwork, and creativity makes me an asset to any team, fostering a collaborative and inclusive work environment where innovative solutions are nurtured.

Core Competencies

- Java
- Python
- Docker
- Shell
- CircleCI
- Jenkins
- SonarQube
- Kubernetes
- Terraform
- SQL / NoSQL (
 - Oracle
 - SQL Server
 - PostgreSQL, MySQL)
 - MongoDB
- Hibernate
- Git / SVN
- XML / JSON
- Linux
- Windows
- AWS
 - Multiples Services
- Cloud Solution Design
- MicroServices
- Problems Research
- Data Analysis

Other Competencies

- JavaScript
- C#
- Dart
- NoSQL
 - MongoDB
 - RavenDB
- LocalStack
- HikariCP
- TensorFlow
- Google Analytics
- Fivetran
- TestContainers
- DbUnit

Work experience

2024 - (Current)

Lead Software Engineer

EPAM Anywhere

As a Technical Lead and Java tech interviewer with experience in AWS and other platforms like Kafka, I drove the digital transformation of our team. I implemented a centralized secrets management strategy using AWS Systems Manager, significantly enhancing the security of our applications. Additionally, I mentored new engineers in technologies like Kubernetes and Docker, accelerating their onboarding and fostering a DevOps culture. I successfully migrated our MySQL database to Amazon RDS Cluster, optimizing performance by 30% and adopting blue-green deployment strategies to minimize risk. Furthermore, I designed a comprehensive plan to migrate our Kafka clusters to Confluent Cloud, ensuring high availability and scalability for our messaging services.

Tech: Terraform, AWS, Kubernetes, Docker, Kafka, Java, Spring, Apache Flink, Gitlab, Maven, Jira, Slack, Golang, PostgreSQL, Unix, LocalStack, Mockito, PowerMock, Junit, SonarQube, Terraform, DbUnit, Jenkins.

2021(Dic) - 2024(Feb)

Senior Software Engineer

EPAM Anywhere

Senior Backend Developer for the Inventory Deployment & Planning organization at Nordstrom. My main contribution was assisting the team in performing audit metrics on various ETL processes. Additionally, I took the lead in migrating different applications to the standard Nordstrom Kubernetes cluster, utilizing technologies such as Kubernetes, Docker, Gitlab, and CI/CD. I introduced Infrastructure as Code (IAC) using Terraform to manage our team's infrastructure.

As part of my responsibilities, I managed infrastructure production deployments, conducted code reviews, ensured the templates were kept up to date for proper pipeline execution, and maintained the docker image repository. I also made it a priority to stay current with the latest industry trends and technologies, consistently bringing innovative ideas and solutions to the team.

All these activities help the company to reduce costs and keep up to date with the latest technologies.

Tech: Terraform, AWS, Kubernetes, Docker, Java, Spring, Apache Flink, Gitlab, Maven, Jira, Slack, Python Airflow, Golang, PostgreSQL, Unix, LocalStack, Mockito, PowerMock, Junit, SonarQube, Terraform, DbUnit, Jenkins.

2021(Mar) - 2021(Nov)

Backend Software Engineer

Overactive

With Uptake client I was part of a team dedicated to developing a platform that tracks assets and identifies points of failure in government vehicles across various areas, leveraging data science techniques to proactively reduce future costs. In my role, I took responsibility for handling features associated with the federal MVP product. Additionally, I oversaw conducting code reviews, ensuring that our codebase meets high standards. I also maintained updated git branches and prioritize verifying code coverage through rigorous unit testing, aiming for a minimum coverage of 95%. By fulfilling these responsibilities, I contribute to the overall success of the platform and our goal of delivering value to our clients.

Tech: AWS, Docker, Java, Spring, Gitlab, Maven, Jira, Slack, Golang, DynamoDB, LocalStack, Mockito, PowerMock, Junit, SonarQube, Terraform, DbUnit, Jenkins.

2020(Apr) - 2021(Mar)

Senior Java Developer

ADL

As part of the team, my primary responsibility was to develop a next-generation platform for vehicle passage. I worked closely with cross-functional teams to ensure that the software solutions we delivered aligned with business requirements and provided value to stakeholders. In addition to my development role, I actively participated in code reviews, upholding high software quality standards.

I also took on responsibilities related to infrastructure as code, specifically working on modules in this area. As a Technical Lead, I introduced design patterns to enhance the codebase and improve

its overall quality. I was responsible for merging code across different git branches (dev-stage-prod), ensuring a seamless integration process. Additionally, I supported the addition of configurations in the production environment and conducted thorough verifications of modules within the AWS infrastructure.

By fulfilling these responsibilities, I played a key role in the successful development and implementation of the next-gen platform, enabling efficient and secure vehicle passage.

Tech: AWS, Docker, Java, Spring, Micronaut, Golang, Github, Gradle, Jira, Slack, Golang, DynamoDB, LocalStack, Mockito, PowerMock, Junit, SonarQube, Terraform, Lambda Functions, AWS Cognito, REDIS, Jenkins.

2018 (Aug) - 2020(Apr) Java Developer

Globant

From August 2019 to April 2020, I worked as a Key Developer at LuloBank, where my primary responsibility was the development of features for their next-gen bank platform. I played a key role in implementing new features that enhanced the platform's functionality. Additionally, I took on the responsibility of conducting thorough code reviews to ensure the codebase's quality and adherence to best practices.

Tech: AWS, Docker, Java, Spring, Github, Maven, Jira, Slack, DynamoDB, LocalStack, Mockito, PowerMock, Junit, SonarQube, Terraform, Lambda Functions, ECS, CircleCI.

Before that, from August 2018 to August 2019, I worked as a Data Architect at the Corcoran Group. During my time there, I had the responsibility of developing connectors and integrating multiple data sources with various platforms. This involved creating robust and efficient solutions to facilitate seamless integration. Additionally, I was responsible for performing data analysis in the Looker Platform to generate insightful reports for managers. Furthermore, I actively maintained and optimized multiple databases to ensure their performance and reliability.

Tech: C#, Github, Jira, Slack, SSIS, MS SQL Server, Fivetran, Python, Tableau, Google Analytics, XML, RavenDB CSV.

2015 (Dec) - 2018 (Aug) Development Analyst

Adecco - IDEMIA (Colombia)

I was responsible for developing, modifying, and integrating applications for Morpho clients in the Latin America and Caribbean region. This involved working on new projects as well as maintaining existing solutions. I also managed internal software development requirements within the company.

As part of my responsibilities, I established, documented, and updated procedures for the department, ensuring clear and concise guidelines that covered all aspects of our functions. Additionally, I adhered to development standards adopted by the company while designing and developing information systems that met the solution requirements.

An important aspect of my role was ensuring compliance with the Business Methodology, and aligning our work with established processes and practices. By doing so, I contributed to the overall success and quality of the projects delivered to Morpho clients in the region.

Tech: SVN, Java, Spring, JavaScript, XML, JSON, NIST Files, Java Applets, Puppet, OpenStack MuleESB, Oracle DB.

2014 - 2015

Development Engineer

ODI Ltda - Bank Popular (Colombia)

- The Development Engineer is responsible for the analysis, development and maintenance of the financial applications associated with the popular bank.

Tech: SVN, JEE, JavaScript, XML, JSON, Oracle DB, C#, Oracle DB, Oracle Forms, Visual Basic, Unix.

2009 - 2010

Developer

[TATA CONSULTANCY SERVICES \(Colombia\)](#)

- Support Developer Team in different projects in JAVA/Oracle (SENA Internship)

Tech: Oracle DB, Java struts, XML, Message Broker, Queues, JMS.

Skills

AWS

DynamoDB, SQS, SNS, Cognito, Lambda, LocalStack, Docker

Spring

Java-based framework

Mule Framework

Java-based enterprise service bus

IaC/CICD

Terraform, Kubernetes, Docker, Gitlab, Artifactory

Micronaut

A modern, JVM-based, full-stack framework for building modular, easily testable microservice and serverless applications.

2023 - 2026

AWS Solutions Architect

[AWS](#)

2022 - 2026

AWS Certified Cloud Practitioner

[AWS](#)

2018 (Jul) -

No Expiration Date

Big Data Scientist

[Arcitura](#)

A Certified Big Data Scientist has demonstrated proficiency in the application of techniques, principles and processes required for exploring and analyzing large volumes of complex data with the goals of discovering novel insights, developing data products, and communicating analytic results to drive decision-making.

2010 - 2016

University El Bosque (Engineer Degree)

[Behaviour of Symptoms on Twitter](#)

With the amount of data available on social networks, new methodologies for the analysis of information are needed. Some methods allow the users to combine different types of data in order to extract relevant information. In this context, the present paper shows the application of a model via a platform in order to group together information generated by Twitter users, thus facilitating the detection of trends and data related to particular symptoms. In order to implement the model, an analyzing tool that uses the Levenshtein distance was developed, to determine exactly what is required to convert a text into the following texts: 'gripa'- "flu", "dolor de cabeza"- "headache", 'dolor de estomago'- "stomachache", 'fiebre'- "fever" and 'tos'- "cough" in the area of Bogota. Among the information collected, identifiable patterns emerged for each one of the texts.

- 2013-2014

2008 - 2010

SENA (Technologist degree)

[HealthSoft](#)

The mission of "HealtSoft" is to consolidate a virtual medical community that allows the interaction between medical personnel from different latitudes, which will allow us to provide through their interaction, diagnoses of diseases of difficult opinion or clinical prescription by means of the search for symptomatology in the various registered medical records.

2002 - 2007

Technical Institute Francisco José de Caldas (Bachelor's degree)

High School

District education institution. Basic secondary and middle

Portfolio



Behavior of Symptoms on T...



Repository for proof of conc...



Stackoverflow

