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LinkedIn

Results-driven Software Engineer with 7+ years of experience in full-stack development across various phases of the software development lifecycle. Specializes in Java, Spring Boot, and microservices architecture, with a strong background in cloud platforms (AWS, OCI) and DevOps practices. Proven track record in financial and telecom domains, demonstrating expertise in:

• Designing and developing robust web applications using modern frameworks and technologies
• Implementing cloud-based solutions and microservices architectures
• Utilizing agile methodologies and test-driven development for efficient project delivery
• Proficient in both relational and NoSQL databases
• Strong problem-solving skills and excellent communication abilities
• Committed to delivering high-quality software solutions and continuously adapting to new technologies.

● Architected and led implementation of mission-critical Payment and Billing systems, driving $100M annual revenue through high-volume solutions processing 39 billion transactions monthly.
● Contributed to the entire software development lifecycle, from requirements gathering to maintenance.
● Successfully migrated 10+ microservices that was using RabbitMQ for interservice communication to amazon SQS
● Successfully migrated 10+ microservices to enable SSL for tools like Kafka, Elasticsearch to upgrade the security.
● Introduced new processes to enhance team efficiency and make more process oriented that handles an overwhelming 30+ microservices with just 5-member developer team which dramatically increase team morale and efficiency to 70%.
● Designed, Developed and deployed in production the Oracle SQL ETL package that can run daily, weekly and monthly to aggregate millions of records, along with a spring boot application for exposing APIs to expose this aggregated data and pushes the monthly aggregated data to kinesis to expose to external team for analysis and do analytics on the resultant data.
● Lead different patching and upgradation activities successfully with minimal downtime.
● Designed and developed python application that shows dashboard metrics by connecting with Elasticsearch server and analysing the logs.
● Developed and maintained scala applications that can be deployed in Kubernetes environments for data loading applications to MinioDB which is capable of handling billions of data
● Maintained scala application that integrates with spark jobs for processing and loading data from kinesis streams
● Migrating the scala application to Cloud services, had challenges with huge data that required extensive memory. This was fixed by analysing the performance of the application and based on the deductions by analysing the heap memory successfully upgraded to a highly memory conservative multi-threaded application.

        : Java, Spring, Spring Boot, Intellij, Maven, HTML, MySQL, MSSQL, MongoDb, Postgres, Minio-DB, SOAP, Kafka, Docker, AWS Kinesis, AWS SQS, Kubernetes, Git, GitHub, Web Socket, Agile methodology, Junit, Log4J, JIRA,Python, Scala,RabbitMQ, ElasticSearch, CloudFoundry, Concourse.

● Designed and developed RESTful web services using JSON representation.

- Utilized HTML/HTML5, CSS/CSS3, and Angular for web page development and debugging.
- Coded business components using Java features like multithreading, exception handling, collections, generics, JDBC, lambda, and streams.
- Implemented a CRM solution, incorporating features and maintenance.
- Utilized Log4j for logging and Splunk for issue monitoring.

- Leveraged Spring IOC, AOP, MVC, and Boot for application development.
- Utilized Kafka for asynchronous communication and integration of services.
- Worked on object storage features for data storage and retrieval in OCI.
- Deployed and tested applications in Docker and Kubernetes environments.
- Designed and developed microservices using Spring Boot and RESTful APIs.
- Implemented continuous integration and deployment using Jenkins and AWS.
- Employed Log4j for logging and Splunk for monitoring.
- Used Grafana for system log monitoring and pipeline management.
- Utilized GitHub for build automation.
- Proficient in Linux-based commands and shell scripting.

React JS, Java Script, Node JS, Java, Spring, Spring Boot, Hibernate, Tomcat 7, Intellij, Visual Studio Code, Sublime, PL/SQL, My SQL, NoSQL, Junit, Cucumber, Micro Services, Git, GitLab, Gradle, Maven, Postman, Grafana, Jet, Helidon SE,OCI.

- Implemented multithreading and concurrency for tasks like email generation.
- Developed the persistence layer using Hibernate.
- Utilized microservices to modernize a monolithic application.
- Consumed and tested RESTful services using tools like Postman and Ready API.
- Implemented data access layers using frameworks like Spring Data JPA, MongoDB, JDBC, ORM, and Hibernate.
- Employed JMS and Kafka for asynchronous messaging.
- Implemented continuous integration and deployment using AWS.
- Worked with container-based technologies like Docker, Kubernetes, and OpenShift.
- Utilized Elasticsearch and Kibana for log analysis.
- Developed database objects like stored procedures, triggers, and sequences.
- Provided production support and used AWS CloudWatch.
- Wrote unit and integration tests using JUnit and Mockito.

Java, Spring, Spring IOC, Spring MVC, Spring Boot, Hibernate, Tomcat 7, Oracle 11g, Docker, Kubernetes, Kafka, Eclipse, Intellij, Visual Studio Code, My SQL, NoSQL, Junit, Micro Services, Git, GitLab, Gradle, JMS, AWS, Web Services, REST, OAuth.

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- Worked on high-level and low-level system design, planning, estimation, implementation and testing and worked from scratch of billing product to delivery.
- Created the Class diagrams, Flow diagrams, while using the UML to capture internal architectural diagrams as part of creating documentation.
- Designed and developed business components using Spring Boot, Spring Dependency Injection (Core), Spring AOP and Spring Annotations using Java 8 including features like lambda, streams, multi-threading etc.
- Used Spring Boot which is radically faster in building cloud Micro services and developing Spring based applications with very less configuration.
- Implemented Java and J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object and Service Locator.
- Used Apache Kafka as the messaging infrastructure for asynchronous processing.

- Designed and developed complex SQL queries, NoSQL and graph queries using MySQL, MSSQL, MongoDB and Neo4j.
- Developed RESTful API's, which takes in an HTTP request and produces the HTTP response in JSON Format using micro services.
- Integrated Spark for aggregation operations.
- Implemented data ingestion and handling clusters in real time processing using Kafka.
- Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
- Experience in Continuous Integration and automated build/deploy using Jenkins.
- Involved in unit testing and system testing and responsible for preparing test scripts for the system testing.
- Involves in Sprint planning for the estimation of efforts for user stories and bugs.
- Worked with UI team for integration and maintenance activities on creating a platform based on Angular
- Worked with an internal team to create a chatbot by parsing internal documents and make a model using google-bert that model and data was persisted in the Hadoop cluster.

: Java, Spring, Spring Boot, Intellij, Maven, HTML, JSP, JavaScript, React JS, MySQL, MSSQL, MongoDb, Neo4j REST, SOAP, Kafka, Micro Services, Docker, JMS, Git, Bitbucket, Gitlab, Web Socket, Agile methodology, Junit, Log4J, JIRA,Python, Pycharm,Hadoop.

APJ Abdul Kalam Technological University, Kerala, India.
- Completed advanced coursework in computer science, strengthening expertise in core and emerging technologies
- Specialized in Natural Language Processing (NLP) and Machine Learning (ML)
- Thesis: "Sentiment Analysis on Social Media Tweets Using NLP Techniques"
- Developed and implemented advanced ML algorithms for analyzing tweet sentiments
- Gained in-depth knowledge of text preprocessing, feature extraction, and classification methods in NLP
- Demonstrated proficiency in applying theoretical concepts to real-world data analysis challenges
- This educational experience has significantly enhanced my understanding of complex computer science concepts and provided hands-on experience with cutting-edge NLP and ML technologies, directly applicable to modern software engineering challenges.

- Internal Java 8 Certification- Suntec

Java, Python, Scala, JavaScript
Spring Boot, Hibernate, JPA, Angular, Junit, Mockito
AWS (EC2, IAM, SQS, Kinesis, S3), Oracle Cloud Infrastructure (OCI)
Oracle db, MySQL, SQL Server, MongoDB, DynamoDB, Postgres
Apache Kafka, RabbitMQ, RESTful Web Services
: Hadoop, Spark
Docker, Kubernetes, GitLab, Github, Jenkins, Gradle, Concourse
Git
IntelliJ IDEA, VSCoode, Pycharm, Eclipse, NetBeans
Agile, Scrum, Test-Driven Development (TDD)