**Ravi Kumar Nallamalli**

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 **PROFESSIONAL SUMMARY –**

* Having 10 years of experience as a Senior Java Programmer i.e. Web-based applications and associated technology components. Distributed Architecture Applications using Java and J2EE.
* Experience in Requirement gathering, Analysis, Design, Coding, and Test-Driven Development
* Developed Use Case Model, Use Case Diagrams, and Class Diagrams, sequence diagrams using visual paradigm.
* Extensive development experience with Spring Boot, Microservices, AWS -S3, SQS, Cloud watch, Java/J2EE, Servlets, JSP, JAXB, REST, SOAP, Hibernate, JPA, AJAX, JSON, XML, HTML & JMS, Spring flyway, Spring Event Listener, Spring Auditing, Spring Scheduler, Mail API, Spring Validation, Spring JDBC, ActiveMQ, Apache Cassandra, Spring Data, Spring Security.
* Expertise in GOF design patterns Singleton, MVC, Front Controller, and Business delegate patterns.
* Worked with multiple DB’s like Oracle & MySQL, PostgreSQL.
* Hands-on development experience using the Spring Boot/Microservices.
* Experience in Development interactive frontend application using AJAX, HTML5, CSS3, Java Script, and React Js.
* Experience using various Amazon Web services (AWS) components like S3, SQS, SNS, DLQ, Dynamo DB, Watch, Lambda, API Gateway, AWS Lambdas, and AWS CLI.
* Experience with IBM SOA products on IIB/ACE, ODM, WAS, MQ, and ITX.
* Writing unit test cases to cover the code coverage.
* Hands-on experience in Enterprise-Level Performance, Session Management, Transaction Management, and Session Management using IBM WAS.
* Expertise in using React.js/Redux to build User Interfaces, Strong knowledge of state store, middleware, action creator, reducer, and container.
* As a team member, involved in frontend development for API integrations, UI development, and validations using React Js & Redux.
* Having experience with WorkFront in project management software design.
* Having experience with Cache mechanisms in Enterprise Applications.
* Having experience with Angular and Development for Api Integrations.
* Hand-on Experience with Scalability, Clustering, and Load Balancing using IBM WAS.
* Expertise in Crud operations spring boot with DynamoDB (Amazon DynamoDB) and AWS Lamda.
* Having experience developing spring batches in Large-scale Applications.
* Experience developing to store images and files in S3 bucket in AWS.
* Having Knowledge and Experience on CockroachDB.
* Developing the AWS SQS Queue listeners to consume the SNS Topic message.
* Developed the dead letter Queues (AWS DLQ) for pushing the failed transactions.
* Developed Micros services to produce data to Kafka topics and consume data from Kafka topics.
* Exposure to Kubernetes and Docker for Container orchestration and RabbitMQ
* Exposure to Microsoft Azure, including Azure services relevant to backend development.
* Developed Server-side code using Node.js

**Education -**

* **B. TECH (ECE) from JNTUK 2014 Technical Skills –**

**Software development Technologies:** Object Oriented Programming, Java, J2EE, JDBC, Hibernate,

Spring MVC, Spring Boot, Restful, SOAP Web Services, Microservices, Jenkins, AWS -S3, SQS, Cloud watch, JMS, Spring flyway, Spring Event Listener, Spring Auditing, Spring Scheduler, Mail API, Spring Validation, Spring JDBC, Spring Tx, ActiveMQ, Apache Cassandra.

UI Web Technologies: HTML/HTML5, AJAX, JSON, XML, React Js, JavaScript, Angular, TypeScript

IDE’s: Eclipse, IntelliJ IDEA, SVN

**Version Control:** GIT, SVN

**Web/App Servers:** WebLogic, JBoss, Tomcat

**Data Base/Programming Languages:** Oracle, MySQL, Postgres SQL

**Build Tools:** Gradle, Maven

**Testing Frameworks:** JUnit, Apache JMeter, Mockito

**Additional Tools/Implementation:** Swagger, JIRA.

**Cloud Services: Amazon** S3, SQS, SNS, Cloud watch, Lambda, API Gateway, GCP, AWS CLI, Azure

**Containerization & Orchestration**: Docker, Kubernetes.

**NO SQL Database:** MongoDB, Cosmodb, Amazon Dynamo DB.

**Frameworks:** Spring boot, Drop wizard

**Professional Experience –**

**Client: PPLFirst**

**Location - Alpharetta, Georgia,(Remote)**

**Project Name - PPL**

**May 2024– to date**

**Role: Senior Software Engineer**

**Roles &** **Responsibilities:**

* + Experience Send Email Notification using Azure Communication Service.
	+ Hands-on experience in the implementation of Microservices from scratch.
	+ Experience with SMS Notifications using Azure SMS
	+ Hand-on experience with the document in Azure Blob.
	+ Experience using Azure DevOps.
	+ Extensive practical experience in building enterprise applications using Java EE technologies.
	+ Hand-on experience with consumers and publishers using Azure Service Bus.
	+ Hands-on experience with IBM ODM handling the business rules and decisions.
	+ Developed store in Cosmodb in Azure service.
	+ Hand-on Experience with Scalability, Clustering, and Load Balancing using IBM WAS.
	+ Writing unit test cases using Cumcamber.
	+ Hands-on experience on end-to-end testing of multiple browsers using Playwright.
	+ Hands-on experience in Data Transformation, Graphical Mapping, and Integration with Middleware using IBM ITX.
	+ Having experience developing spring batches in Large-scale Applications.
	+ Designed and developed high-performing and responsive web applications using Angular.
	+ Expertise in Core Java concepts, such as OOP Design, Multi-Threading, Generics, Exception Handling, Collections, Java Reflection, and Annotation.
	+ Having Experience in relational database concepts with experience in Oracle.
	+ Routing calls and Maintain Security using Azure API Management (APIM).
	+ Experience developing with Git Workflows.

**Environment** – Java 17, Spring Boot, Spring-Rest, Spring Jdbc, Postgres, Angular 16, JavaScript, Maven, Spring Data JPA, Azure (Blob, Communication Service, Service Bus, Cosmodb), Event-Driven architecture, Oracle, Microservices, Cucumber, Azure Kubernetes Service, Azure API Management, Azure Monitor.

**Client: Entrego**

**Full time: OTSI**

**City: Hyderabad**

**Project Name - AC Infra – HMS (Hub Management System)**

**March 2020– May 2024**

 **Role: Senior Software Engineer**

**Roles & Responsibilities:**

* + Involved in gathering the requirements, analysis, design & development of the project.
	+ Hands-on experience implementation of Microservices from scratch
	+ Upload file to AWS S3 bucket
	+ Experience developing CI/CD pipelines and automation.
	+ Developed high-performance spring batch to handle multimillion records.
	+ Developed established communication between microservices using rest template, feign
	+ Developed Micros services to produce data to Kafka topics and consume data from Kafka.
	+ Integration of Camunda with other systems and applications to enable automation.
	+ Involved in completing Agile (Scrum) development methodology and testing applications.
	+ Developing and maintaining server-side applications using Node.js.
	+ Experience with IBM SOA products like IIB/ACE, ODM, WAS, MQ, and ITX.
	+ Hands-on Experience in Message routing and transformation using IIB/ACE.
	+ Involved in developing spring boot with JPA as it implements microservices.
	+ Interacting with Clients based on building a website using Reactjs.
	+ Hands-on experience in Enterprise-Level Performance, Session Management, Transaction Management, and Session Management using IBM WAS.
	+ Having developed spring boot with Dynamo DB (Amazon DynamoDB) crud operations.
	+ Event handling in spring boot Application Used Amazon Cloud Watch to monitor AWS services and logs.
	+ Developed the dead letter Queues for pushing the failed transactions
	+ Developing the SQS Queue listeners to consume the SNS Topic message.
	+ Experience with Testing Frameworks such as Selenium, Cucumber, Playwright, and JUnit and an understanding of the Test Left approach to development.

**Environment**- Spring Boot, Microservices, AWS SQS, AWS SNS,Vue.js,  Express.js Maven, Jenkins, AWS EC2**,** AWS S3, AWS Lambdas, Spring Event Listener, Spring Auditing, Spring Scheduler, Spring Validation, Node.js, Spring flyway, Apache Kafka, Spring batch, react Js, JavaScript, Typescript, Redux, AWS Lambda, API Gateway, Event-Driven architecture.

**Client: Verizon**

**June 2019 – Jan 2020**

**Full time: TechStar Group**

**City: Hyderabad**

**Project: M T A S**

**Role: Software Engineer**

**Responsibilities**:

* Involved in gathering the requirements, analysis, design & development of the project.
* Developed test automation for service.
* Handling distributed SQL databases designed for cloud-native applications using CockroachDB.
* Create spring boot microservices and perform the CRUD (Create, update, delete, Read).
* Worked on the core team to monitor and enhance the application's performance.
* Having Deployed Microservices in a Cloud Platform (AWS).
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Experience developing with Git Workflows.
* Used Apache Kafka for pub-sub and broadcast. Developed Junit test cases to unit test the business log
* Developed Server-side code using Node.js
* Experience in Restful web service using Node.js
* Developing user-facing applications using Angular

**Environment** – Java, Spring Boot, Spring-Rest, Spring JDBC, Apache Camel, TestNG, Spring DataJpa, Oracle, Micro Services, Angular16, Node.Js, AWS EC2, RDS, S3, Apache Kafka, CockroachDB.

**Client: Collabera**

**May 2014 – May 2019**

**Project - PC SUITE**

**City: Hyderabad**

**Role: Software Engineer Responsibilities:**

* Involved in gathering the requirements, analysis, design & development of the project.
* Worked in an Agile methodology environment and participated in Scrum sessions in designing, developing, implementing, and testing the distributed applications.
* Having Experience in relational database concepts with experience in Oracle.
* Configured Splunk monitoring alerts based on error conditions.
* Expertise in Core Java concepts, such as OOP Design, Multi-Threading, Generics, Exception Handling, Collections, Java Reflection, and Annotation.
* Experience with IBM SOA products like publishing messages to Queue MQ
* Responsible for Interacting with Clients by building a website using ReactJs, and Redux.
* Developed Microservice Services using spring boot and Data jap on crud operations.
* Involved in using spring concepts – DI/IOC, AOP, Batch implementation, and spring boot.
* Store the Documents like PDF Word or Excel in GCP.
* Experience developing CI/CD pipelines and automation
* Worked on POC of high-end APIGEE innovation proxies and onboarding APIs.
* Troubleshooting and monitoring API proxies running on APIGEE using the Trace tool.
* Configured Splunk monitoring alerts based on error conditions
* Developed Persistence layer using NoSQL (Cosmodb, DynamoDB).

**Environment** – Java, Hibernate, Java 1.8, Spring Boot, Spring-Rest, Apigee, Spring Jdbc, Apache tomcat, Oracle, Richfaces, JavaScript, Maven, Spring Data JPA, GCP (Google Cloud Platform).

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