Sandeepmattagunja

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Professional Summary

Highly skilledFull StackDeveloper with 6 years of experience in designing, developing, and deploying server-side applications using Spring Boot. Proficient in deploying applications on various servers including JBoss, WebSphere, Tomcat, and Apache. Adept at building microservices, RESTful services, and integrating Kafka for efficient communication between components. Experience in creating Databases, Tables, Stored Procedures, DDL/DML Triggers, Views, User defined data types and functions, Cursors and Indexes using SQL. Well-versed in cloud technologies, specifically AWS, and familiar with CI/CD pipelines, source code management, and best development practices.Experienced in creating front-end applications using Angular and React, collaborating closely with UX teams to ensure optimal user experiences. Excellent problem-solving abilities with a strong foundation in testing methodologies and a dedication to achieving high-quality results. Strong commitment to continuous learning and staying up to date with the latest web development standards. Worked in container based technologies like Docker, Kubernetes and Openshift.

Skill

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| Programming Languages: Java, JavaScript, TypeScript  Frameworks: Spring Boot, Spring Framework  Testing: Test-Driven Development (TDD), Unit Testing, Component Testing, Scenario Testing | Cloud Platforms: AWS, Azure  Servers: JBoss, WebSphere, Tomcat,  Apache, OpenShift  Messaging: Kafka  Version Control: Git  Issue Tracking: Jira | Database: SQL, PL/SQL, MongoDB  Front-End: Angular, React  API Design: RESTful APIs  Software Development Life Cycle (SDLC)  Problem Solving, Analytical Thinking  CI/CD: Jenkins, Azure DevOps, Doker  Kubernetes |

Work History

**State Street Global Advisors, Inc., Atlanta, Georgia (Remote)** **July2023 to Present**

**Full stack JavaDeveloper**

* Developed and maintained microservices-based applications using Spring Boot, facilitating seamless communication.
* Collaborated with cross-functional teams to design and implement RESTful APIs for effective communication between various services.
* Gitlab, Docker and kubernetes for CI/CD on microservices and deploying to AWS Cloud.
* Integrated Kafka for event-driven architecture, enhancing real-time data processing and communication.
* Managed applications on AWS, optimizing scalability, availability, and security by leveraging cloud services.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools and staged virtual environments using Docker and Vagrant.
* Create and optimize data models for applications and databases, ensuring efficient data storage and retrieval.
* Implemented CI/CD pipelines using Jenkins, automating the deployment process, and reducing manual intervention.
* Utilized Git and Jira for version control and issue tracking, ensuring smooth collaboration and efficient project management.
* Created multiple Kubernetes Clusters in AWS and deploying a Docker Image on top of Kubernetes Cluster for testing purpose
* Working onCI/CDdeploying pipeline usingBit bucket, Atlas Sian Bamboo, AWS ECR,Harness, Docker containers and Rancher for managingKubernetesclusters
* Configured and deployed the application using Tomcat and WebSphere.
* Built Java applications using Maven and deployed JAVA/J2EE applications through application servers.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy
* Practiced Test-Driven Development (TDD) by writing comprehensive unit tests and component tests, resulting in improved code quality, and reducing defects.
* Used AGILE, SCRUM methodologies and participated in meetings.

**Groksys LLC(CPT), Buford, GA Jan 2022- Jan 2023**

**Full stack Web developer Intern**

**Projects: Sprint Business Portal and ATT**

**Description:** Developed and designed multiple projects with this client created components frameworks with front end side, implemented new credit card services for multiple projects. Added payment methods with client project to business projects. Designed arch components API services, Rest calls and web coding in AngularJS, ReactJS etc.

* Works closely with Synchronous business teams, technical leads, design teams and development teams onsite/offshore to ensure delivery of application on time with no slippage and with high quality.
* Implemented Docker containers to create images of the applications and dynamically provision slaves to Jenkins CI/CD pipelines
* Works on requirement gathering and analysis from the product owners, business stakeholders, architects, technical leads and translates them into technical requirements, design, and implementations.
* Participate in all agile ceremonies such as sprint planning, backlog grooming, story point estimation, sprint review**, retro** and share the feedback with the team.
* Hand-coded responsive HTML5, CSS3, and PHP to create visually appealing and user-friendly websites, ensuring cross-browser compatibility and optimal performance.
* Collaborated with the design team to implement pixel-perfect website layouts, incorporating modern CSS techniques and best practices.
* Implemented dynamic content using PHP, integrating with databases to create interactive and data-driven web applications.
* Developed interactive and dynamic user interfaces using JavaScript and jQuery, enhancing user experience on various web applications.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Worked on postman and ARC to test REST service calls.
* Created AWS S3 buckets to store smart home device data and utilized various AWS services like EC2, Route 53, IAM, Cloud Formation, Cloud Front**,** and Cloud Watch**.**

**Aircom Solutions Pvt Ltd, Banglore, INDIA** **Jan 2020 to Nov 2021**

**Role: Java Developer**

**Client:Spectrum**

**Project Name: X-store Point of Sale**

**Description:** The purpose of this project is to facilitate and streamline the sales and transaction process. X-store is a software solution that allows store employees to manage and process customer purchases efficiently. It enables them to scan and track products, calculate prices, process payments, and generate receipts. The X-store POS time and improve customer service, reduce checkout time, and maintain accurate inventory records.

* + WorkedonJava11latestfeaturessuchasLambda,FunctionalInterfaces,Streams-parallelprocessing,Aggregations,Optional keyword, andJava time API.UpgradedMicroservices fromJava 8to Java11.
  + WorkedonimplementingMicroservicesarchitecturebyusingcontainersandmanagedConfidential’sCloudandMicroservices Group for Confidential’sCloud/Microservices&Legacy Transformation.
  + DevelopedRESTAPIsinjava11tosupportinternalization,visualizeandsetportfolioperformancetargets.AlsoWorkedwithRESTAPIstogetJSONdataanddisplayusingJavaScriptObjects.
  + RESTfulwebservicetoread RateHistoryfromRateHistoryAuditService.
  + Deployed Spring Boot based microservices Docker and Confidential EC2 container using AWS admin console
  + Implemented migrating SOAP Web Service to RESTful Services. Successfully performed the RESTful APIs Integration anddeveloped.Implemented asynchronous callstotheserverusingAjax.
* Used SQL Override in Source qualifier to customize SQL and filter data according to requirement.
* Wrote PRE and POST SQL commands in session properties to manage constraints that improved performance and written.
* Implemented Spring Boot, that is radically faster in building cloud Micro Services and develop Spring, based applicationconfigurationforbackedendserverapplications.Implementedservicecheck SpringBootadminconsoleusingSwaggerUI
* Developed RESTful web service using Rest Controller in Spring Boot application and core java concepts like collectionframework, OOPS, ExceptionHandlingandSprigMicroServicesforAuditusing SpringBoot.
* SpringMVCtoimplementMVCDesignPattern,implementedbusinesslogic,dataexchangeandcreatedgraphicsusingJAVA,struts,andSpringMVC to interfacewith the jQuery UI, managethestorage.
* SQL queries and PL/SQL procedures to perform database operations according to business requirements.
* Worked on Developing, Generating and Posting Stores related Reports through X-store\X-center Databases as per the client request.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling groups and worked on AWS Toolkit for Eclipse to develop, deploy, and debug Java applications using Amazon Web Services.
* Worked as Tech-Lead for X-store release.
* Document incident and resolution information in Remedy tracking system.

**Accelum Infoserve, Chennai, INDIA Aug 2018 to Dec 2019**

**Role: Associate Software Engineer**

* Participated in coding activities supporting enterprise and maintenance releases. Maintained integrity of program logic and code.
* Tested functionality of the code and pushed code through development followed by testing and production environment using Jenkins.
* Developed a cloud-based solution in the downtime of the sever. Received appreciation from the client for delivering the product on time.
* Managed local deployments in Kubernetes, creating local cluster and deploying application containers
* Involved in design of the database schema and development of Stored Procedures.
* Core Java with Concurrent API is used extensively for parallel processing and chunk processing of trade execution data and market data and converts into JSON and store it Mongo DB.
* Design and implementation of different micro services and their Docker files.
* To send emails to users developed Java API to interact with the Amazon SQS and Amazon SNS.
* Used multi-threading and collection framework including List, Map etc.
* Used Apache Maven as a build tool for building the Restful web-service.

Education

Master of Science: Computer ScienceAuburn University Montgomery -Montgomery, AL

Bachelor of Science: Computer Science**Prasad V. Potluri Siddhartha Institute of Technology**– India

Certifications

**AWS Certified Cloud Practitioner– (**Completed)