Sunil Kumar K
Product Engineer

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Professional Summary

Having 5+ years of extensive experience in Design, Development and Deploying Robust and Scalable Distributed Applications using Object Oriented Analysis, Design with JAVA and J2EE.

- Having good experience in working with **Spring Boot with Micro services**
- Extensive experience in working on ORM Technology like **Hibernate and JPA**
- Expertise good knowledge on **SOAP** based **Web Services (JAX-RPS, JAX-WS)**
- Good Hands on Experience in **Restful Services (JAX-RS API for Jersey)**
- Experience on **OAuth 2.0, Keycloak** and **Spring Security** for Identity and Access Management
- Proficient in Messaging Queue **Apache Kafka** for building real-time streaming data pipelines and event-driven architectures
- Worked in detail on **Spring Core, Spring AOP, Spring Transactions, Spring MVC, Spring Rest in Configuration approach** and **Annotation approach**
- Proficient knowledge in implementing highly scalable cloud services such as **EC2, IAM, ELB, VPC, S3, SES, CodeCommit** on **AWS**
- Managed **Object Storage Service (OSS)** on **Alibaba Cloud**
- Involved in implementing **Jenkins** pipeline for automated deployment for both DEV and UAT environments
- Participated in orchestrating **Kubernetes** environments by supervising the creation and management of pods and containers.
- Enabled seamless deployment of containerized applications on cloud by integrating **Terraform, Ansible and Docker** for efficient infrastructure provisioning and configuration management
- Strong understanding of Vagrant's capabilities for creating and configuring VMs using **Vagrant** configuration file with popular virtualization technologies like VirtualBox
- Having good knowledge on **Struts Framework**
- Good Hands on Experience in **Angular 16**
- Proficient in building React components with functional and class-based approaches using **React 16**
- Keen understanding of **Design Patterns** like **Singleton, Strategy, Factory, Abstract Factory, Builder, Front Controller, Decorator, Intercepting Filter, Fly Weight**
- Implemented API Documentation using **swagger/open api and rapidoc**

Work Experience

Entomo Labs Private Limited
Full-stack Java Developer

July 2023 – Jan 2025
Bengaluru, Karnataka, India

Project:MySejahtera
Technologies:Java 8, Spring Boot, Micro Services, SOAP, JPA, OAuth 2.0, Postgresql, MongoDB, Angular, React, Maven, STS, VS Code, Git, Kafka, AWS, Alibaba Cloud, Jenkins, Docker and K8S

- Analyzed and Implemented Kafka and Spring Scheduler for Notification Engine
- Involved in Designing and Implementation of Multi Tenant Architecture based Application for Adea Health
- Worked on the MySejahtera Gateway, contributed to the migration of CDA to FHIR services
- Implemented recaptcha validation using google for more security
- Implemented Logic to upload an image into OSS
- Implemened SMS Gateway for Mobile OTP verification using SINCH and OSS
- Implemented Logic to send Emails using Amazon SES and Mailtrap
- Worked on React.js (Hooks: useState, useReducer, useEffect, useMemo, useRef, API Integration etc)
- Worked on Angular (components, services, RxJS, forms, state management etc)

Tavant Technologies Private Limited   *Oct 2021 – July 2023*
Java Developer   *Hyderabad, Telangana, India*

Project:FinXperience NextGen

Technologies:Java 8, Spring Boot, Micro Services, Spring Security, JPA, Postgresql, MongoDB, Angular, Maven, STS, VS Code, Git, AWS, Jenkins, Ansible, Terraform and Docker

- Worked on Spring boot and Spring Rest implementations in building Micro Services module
- Involved in understanding of Execution Flows through debugging
- Developed and Customized Dynamic WebPages using UI Technologies
- Involved in design and development of Dynamic Questioneries for User Interface
- Developed the Business logic in service layer
- Involved in Provisioning AWS Instances like EC2, RDS through IaC tool like Terraform
- Created Inventory Files and playbooks for Configuration Management and Automation using Ansible
- Packaged and containerized software applications as Docker images on Cloud

BizViz Technologies Private Limited   *Sept 2019 – Oct 2021*
Java Developer   *Bengaluru, Karnataka, India*

Project:Zippy

Technologies:Java 8, Spring Framework(AOP, Rest, TX, JPA and Web MVC), Restful Services, Hibernate, Oracle, Gradle, STS and Git

- Developed Web Resources with REST components using jersey implementation
- Designed and developed persistence logic in DAOs with Spring Data JPA
- Implemented Spring TX at Service layer for data consistency
- Designed and developed the Controllers and Usage of Lombok at multiple Classes
- Consumed Restful Web Services for transferring data between different applications
- Implemented Auditing with Spring AOP

Technical skills

Programming Language	Java
Spring Framework	Spring Core, Spring AOP, Spring JDBC, Spring TX, Spring ORM, Spring Web MVC, Spring DataJPA, Spring Rest, Spring Boot
ORM Tools	Hibernate Framework and JPA API
Distributed Technologies	Web Services (JAX-WS, JAX-RPC) Restful Services (JAX-RS)
UI Technologies	HTML, CSS, Bootstrap, JavaScript, Type Script, Angular and React
AWS Cloud	EC2, S3, VPC and ELB
Automation Tools	Ansible, Terraform and Vagrant
Containerization Tool	Docker
Container Orchestration Tool	Kubernetes
Databases	Oracle, MySQL, Postgresql and MongoDB
Version Controlling	Git, CodeCommit
Build Tool	Maven
IDE	Eclipse, STS and Intellij

Education

MBA   *2016 – 2018*
Masters's degree   *Anantapur, Andhra Pradesh*
JNTUA