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Anshu Kumar

EXPERIENCE SUMMARY

Software Engineer with proven expertise in analysis and design. Experience in Distributed Computing. Exceptional record overseeing all facets of Software Development Life Cycle. In depth exposure to Web 2.0 solutions, Service Oriented Architecture, Microservices, OOAD architecture and modeling to satisfy peculiar and complex business problem statements. Excellent analytical and communication skills in order to work with mid-size teams.

TECHNICAL SKILLS

Languages	Java, Scala, Python, Javascript, SQL and PL/SQL
Frameworks	Executor and Akka Actor framework for concurrency, Spring MVC, Spring Boot, Hibernate ORM
Web Technologies	XML, XSL, XSD, Web Services(SOAP and REST), HTML, CSS, Less, Node JS and Angular 8.0
Storage and RDBMS	AWS S3, Oracle, PostgreSQL, MySQL, Amazon RDS, Redis, EhCache
Information Retrieval	Inverted Index, Lucene, Elasticsearch 6.5, Kibana
Application Server	Jetty, Weblogic, Apache Tomcat
CI/CD	Docker, Jenkins, Maven, Ant
Cloud	AWS Services EC2, S3, Elastic Search Service, Lambda, RDS, Dynamodb

PROFESSIONAL EXPERIENCE

Nice Interactive Solution India Pvt Limited, Pune| November 2019 - Present
Specialist Software Engineer

Accomplishments

- Optimized hibernate configuration to speed up rest api from secs to milliseconds.

- Optimized hibernate configuration to leverage prepared statement caching. Thus reduced RDS cpu utilization significantly.

- Designed Automated Schema Migration and Management system. Service is designed to be fault tolerant and self-corrective in nature.

- Implemented circuit breaker and throttling for various rest apis.

Projects

Platform for various CCaaS solutions like ACD, WFO(Work Force Optimization), QM(Quality Management) to manage authentication, authorization, user management and skills management. Platform is designed to cater 10000 tenants in a region. Spring boot microservices and aws services RDS, DDB, S3, KinesisCognito, Redis cache have been used.

Symantec Software India Pvt Limited, Pune| January 2018 – November 2019
Senior Software Engineer

Accomplishments

- JSON structured content accessible over https using REST APIs.
- Web Application developed as per Spring framework MVC architecture, all dependent jars and resources packaged as a single Spring Boot jar.
- Built search engine over millions of documents using inverted index, analyzers and search APIs of Elastic Search.
- Designed horizontally scalable and highly available architecture deployed over AWS.
- Ensured web application complies to all security and vulnerability standards both for cloud and on premise hosting.

HERE Technologies, Mumbai| November 2015 – January 2018
Senior Engineer

Accomplishments

- Map data in GeoJSON format available over https using RESTful web services.
- Map data validation and ingestion in real time over RESTful web services.
- Implemented JSON schema validation.
- Ingest and validate map data asynchronously using SOAP web services.
- Distributed message processing system using spring boot, active mq, and postgres db.
- Automated deployment using Jenkins and Ansible.
- Performance optimization of rest end points and their load testing using Locust and gatling .
- Fetch usage metrics using Kibana dashboards

Oracle India Pvt Limited, Bangalore | March 2015 – November 2015
Applications Engineer

Accomplishments

- Implemented user defined stories following TDD.
- Designed and developed J2EE based web applications using Oracle's Framework called ADF.

Oracle India Pvt Limited, Bangalore | June 2013 – March 2015
Associate ERP Presales Consultant

Responsibilities

- Provide security, compliance guidance to customer
- Provide solution architecture of customers business process to Oracle cloud solution
- Provide complex POC / demos to customers
- Give technical workshops, sessions to customers Dev / IT teams
- Provide guidance on kPIs, ROIs to customers , if they opt for Oracle cloud
- Create fully integrated Oracle SAAS and PAAS integration demos

Infosys Limited, Chandigarh |Aug 2010 – June 2013
Systems Engineer

Responsibilities

- Design and develop Online Shopping Cart Application based on Oracle iStore using JSPs.
- Unit testing, bug fix and troubleshoot.
- Develop Pl/SQL packaged procedures to customize existing E-Business Suite application.

CERTIFICATIONS

Oracle PL/SQL Developer Certified Associate, Dec 2012
Issuing Organization: Oracle

Oracle Database SQL Certified Expert, Jun 2012
Issuing Organization: Oracle

PATENTS

US patent application 17/121,791 with the title "System and method to evaluate agent call logging in a contact center
Status: Filed on 15th of December 2020

EDUCATION

Master of Technology, Software Systems with Specialization in Data Analytics, 2019
Birla Institute of Technology and Science, Pilani

Bachelor of Engineering, Computer Science and Engineering, 2010
Lakshmi Narain College Of Technology (LNCT) Bhopal

DECLARATION

I hereby declared that the above information are true and correct to the best of my knowledge.

Anshu Kumar