Indra Avatar Singh () Featured

Developer seeking roles in Software Engineering, Software Development, Application Development, System Architecture, System Integration, Data Modeling, Data Structures, Requirement Gathering, Algorithms, Spring Boot, Core Java, Hibernate, Kubernetes, Docker, MySQL



Current Location: Moscow Total Experience: 2 Year(s) 2 Month(s)

Pref. Location: Gurgaon, Noida, INDIA Notice Period: 1 Month

Functional Area: IT Software - Application Programming / Highest Degree: MS/M.Sc(Science) [System and

Maintenance Software Engineering]

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Application/Software Developer,Software Engineering,Software Development,Application Development,System Architecture,System Integration,Data Modeling,Data Structures,Requirement Gathering,Algorithms,Spring Boot,Core

Java, Hibernate, Kubernetes, Docker

Verified: Phone Number | Email - id

Last Active: 22-Jan-21 Last Modified: 22-Jan-21

Summary

Masters in System & Software Engineering with over 2 years' of rich experience

- * Participated in the Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases along with implementation) to maintenance of proposed applications
- * Developed software solutions by studying information needs, conferring with users, studying systems flow, data usage, and work processes
- * Understood process requirements and provided use cases for business, functional & technical requirements
- * Interacted with users for requirement gathering; prepared functional specifications and low-level design documents
- * Liaised with stakeholders during the course of problem diagnoses, requirements gathering, detailed level design, development, system test and production implementation to ensure that optimal resolutions were achieved

Work Experience

IBM India Pvt. Limited as Application Developer

May 2018 to Jun 2019

Project: NEXXUS (My Price Microservice) (Team size - 5)

- * Nexxus My Price is AT&T's hosted contract generation middleware microservice which came to existence after refactoring the AT&T's legacy Systems CPQ & Pricer-D which was used by AT&T for their order management for AT&T's VPN & BVOIP Products.
- * Coded Kafka consumer service to subscribe the Message events & wrote scheduler for various activities.
- * Coded REST API's Endpoint using request and response models as per the domain and implemented business logic as per the AID requirement using Java, Apache CXF, JAX-RS, Apache Camel, SpringBoot, Swagger, Oracle 11g, Docker, K8S, Jenkins, Sonar, IBM AppScan, Veracode, GIT
- * Coded DTO, DAO, Service, Repository & various Utility classes.
- * Coding API form User stories/Application Interface Design (AID) provided by BA Team.
- * Reviewing the User Stories/Requirements from BA Team and brainstorming.

AT&T Sales Transformation (Microservice - Discount Data Management) (Team Size -3)

- * Wrote new processors in Java for microservice as per the user story.
- * Using Hibernate and DAO layers to offer abstraction for the business from the database related code(CRUD).
- * Reviewing Application team's ERP Model to ensure optimal engineering approach was being followed.
- * Microservice development with Core Java, Springboot, Apache Maven and Hibernate, JAX-RS, Docker, Jenkins, Sonar.
- * Consuming microservice by making calls to messaging queue (DME-2, AT&T's proprietary messaging system) API and coded request and response to display data on UI.
- * Wrote Unit Tests for code coverage.

DevSecOps (AT&T FED-GIOM Continuous Integration/Continuous Security/Continuous Delivery) (Team Size -1)

- * FED-GIOM is AT&T's 13-year-old legacy application, it is a central point which contains all the API Endpoints for IOM which can be consumed by other clients.
- * Successfully migrated the code base from SCM to GIT.
- * Integrated SonarQube scan for code quality assessment.
- * Created Jenkins multistage pipeline to trigger CI/CD process using Jenkins script, the stage includes Git checkout, compile, build, sonar scan, SAST, DAST & Deploy phases.
- * Integrated Veracode App scan (SAST) in the environment.
- * Integrated IBM App scan (DAST) in the environment.
- * Created Software delivery strategy for ST, UAT & Production through git branching.

DevSecOps (AT&T GIOM-Onboarding - Continuous Integration/Continuous Delivery) (Team Size -2)

- * GIOM is AT&T's Global Integrated Order Management Solution, helps AT&T to manage their worldwide telecom product orders.
- * Created multibranch pipelines to trigger the CI/CD process.
- * Created Jenkins equivalent pipelines in ECO tool to trigger the build to give total abstraction from Jenkins.
- * Created Jenkins Master and slave machines.
- * We successfully on boarded 15-year-old application on DevSecOps practice by migrating the centralized codebase environment to decentralized using GIT from SCME.
- * Created multiple branching strategy for development, bug fix, test, deployment and implemented it withGIT.
- * Wrote groovy script for automating the stage GIT checkout, build, test, deploy scan phases.
- * Created multibranch pipeline.
- * Setup SonarQube code quality assessment.
- * Setting up Jenkins server for CI/CD.
- * Integrated application static scan (SAST) on coding level to achieve maximum code security.
- * Integrated (DAST) IBM App scan to check all the vulnerabilities in the environment.
- * Done code patching on IBM WebSphere.

Creible Infotech as Full Stack Developer

Mar 2017 to Dec 2017

- * Responsible for coding DAO & DTO classes using Java& Hibernate.
- * Used Maven for project management and dependency management.
- * Used Spring boot for rapid prototyping of application with Maven, Java, Hibernate.
- * Made data models after requirement gathering and requirement analysis phase.
- * Implemented Business Logic & and understood relationship with entities (One to many, many to one, many to many).
- * Coded API's to be consumed by client-side technology.
- * Frontend to Backend integration.
- * Participation in project planning sessions with business analysts and team to analyse business IT.
- * Extensive knowledge of UML concepts (Use Cases, Class Diagrams, Sequence Diagrams, Deployment Diagrams etc).
- * Build & release EC2 instances Amazon Linux.
- * Setup and attach EBS volumes to EC2 instances.

Time Inc. as Consultant

Oct 2016 to Feb 2017

- * Responsible for understanding client requirement for new applications.
- * Changes according to the client's requirement on web subscription applications.
- * Setting up web pages spec on backend system.
- * Used Jira for bug tracking.
- * Manual Testing of web pages, banners, Pixels etc.
- * Meeting with clients to understand their requirements.
- * Meeting SLA's.

In charge of understanding client requirement for new applications

Implemented changes according to the client's requirement on web subscription applications

Set up web pages spec on backend system

Used Jira for bug tracking

Conducted manual testing of web pages, banners, pixels

Met with clients to understand their requirements

Aimed towards achieving SLA's

Education

UG: B.Tech/B.E. (Computers) from noida International University in 2016

PG: MS/M.Sc(Science) (System and Software Engineering) from National Research University Moscow, Russia in 2021

Other Qualifications/Certifications/Programs:

Getting Started with Containers on IBM Cloud

Big Data Foundations - Level 1

Cognitive Practitioner

IT Skills

Skill Name	Version	Last Used	Experience
MicroServices		2017	2 Year(s) 2 Month(s)
MAVEN		2015	2 Year(s) 1 Month(s)
Hibernate		2015	2 Year(s) 1 Month(s)
spring boot		2015	2 Year(s) 1 Month(s)
Eclipse IDE		2015	2 Year(s) 1 Month(s)
JAVA		2015	2 Year(s) 1 Month(s)
Jenkins		2016	1 Year(s) 1 Month(s)
DOCKER		2016	1 Year(s) 1 Month(s)
Data Structures		2014	3 Year(s) 5 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

Projects

Project Title: Nexxus Microservice

Client: AT & T

Nature of Employment: Full Time Duration: Dec 2018 - Till Date Onsite / Offsite: Offsite

Skill Used: Spring Boot, Hibernate, Microservices, Docker, Jenkins, Kubernetes, React.Js

Project Details: Nexxus My Price is AT&Ts hosted contract generation microservice which came to existence after breaking the AT&Ts legacy Systems CSQ & Pricer-D which was used by the company for their order management for AT&Ts VPN & BVOIP services.

The flow of the application includes an Orchestration layer which was designed using Camunda BPM and provide a medium to orchestrate between lots of microservices or legacy application as per the flow requirement.

Coded REST APIs Endpoint using request and response models as per the domain and implemented business logic as per the AID requirement using Java, Apache CXF, JAX-RS, Apache Camel, SpringBoot, Swagger, Oracle 11g.

Coded DTO, DAO, Service, Repository & various Utility classes.

Coding API form User stories/Application Interface Design (AID), provided by BA Team .

Reviewing the User Stories/Requirements from BA Team and brain storming.

Project Title: Sales Transformation-Discount Data Management(Microservice)

Client: AT&T

Nature of Employment: Full Time Duration: Jun 2018 - Dec 2018
Project Location: Bangalore Onsite / Offsite: Offsite

Role: Programmer Team Size: 3

Skill Used: Spring, Hibernate, Core Java, SpringBoot, Docker, Kubernetes, Sonar, SOA

Role Description: * Wrote new processors in Java for microservice as per the client's requirement.

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Wrote Unit Tests for code coverage.

Project Title: Microservice Consumption

Client: AT&T

Nature of Employment: Full Time Duration: Jun 2018 - Dec 2018

Onsite / Offsite: Offsite

Project Details: Calling API's(microservice) by sending request to Messaging Queue and showing coded response on Front

End(JSP).

Project Title: DevOps/DevSecOps(CI/CD Pipeline)

Client: AT&T

Nature of Employment: Full Time Duration: Jun 2018 - Dec 2018 Role: Programmer Onsite / Offsite: Offsite

Team Size: 2

Skill Used: Jenkins, Sonar, Nexus, Maven, GIT, Redhat Linux, SAST, Appscan

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Setup SonarQube code quality gateway.

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Affirmative Action

Work Authorization

Physically Challenged: No Countries: India

Job Type: Permanent / Temporary

Employment Status: Full time