

Abhijit Singh

Technical Architect (Microservices)

+91-9990041682

abhijitaa05@gmail.com

linkedin.com/in/abhijitaa05

www.abhijits.com

Skills

- Designing and Development
- Java
- Spring Boot
- Microservices
- Hibernate/JPA
- RabbitMQ
- Zipkin
- Maven
- AWS
- Docker
- Kubernetes
- Python
- Machine Learning

Certifications

- Edureka - Software Architect (Microservices), Nov 2021
- Coursera - Deep Learning Specialisation, Feb 2020
- Coursera - Machine Learning, Dev 2019

Education

Bachelor of Technology (Information Technology)

Jaypee Institute Of Information Technology, University
CGPA 6.5 / 71%

Professional Summary

A skilled **software developer** with 10+ years of expertise in using new tools and technologies to drive improvements throughout entire software development lifecycle. Having extensive industry and full life cycle experience in developing **Java, Spring Boot** based **Microservices**, using Cloud Technologies like **Docker, Kubernetes** and **AWS**, along with exceptional analytical, **design** and **problem-solving** capabilities. Excellent communication skills and ability to work alongside support teams and community to define and refine new functionality.

Looking for an ambitious company that will challenge my developer and problem solving skills and allow me to continue to develop my knowledge and potential in this rapidly changing industry.

Work Experience

Technical Architect/Senior Software Engineer

Tata Consultancy Services

October 2016 - Present

- Designing and Developing **Microservices** Application for using technologies like **Spring Boot, Spring Cloud, RabbitMQ, Zipkin, Java**.
- Designing and Developing pipeline to ingest and process remote sensing satellite data from providers like European Space Agency and Planet and creating Agronomic Maps.
- Designing and Implementing **Database Models** for GIS applications using **Postgres** and **GIS** extensions.
- Developing high-quality and detailed design documents.
- Designed and implemented REST based API's using Spring Boot.
- Conducting unit and integration testing using **JUnit** and **Docker** frameworks.
- Using and creating **Kibana Dashboards** for logs tracing. Using **Grafana** for monitoring Kubernetes clusters and Pods health.
- Using/Configuring **TeamCity** for CI/CD in **Kubernetes** based environment running on **AWS**.
- Reviewing the work of other developers and providing feedback.
- Coordinate with Product Owners and Managers and convert the requirements to solutions.

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Work Experience

Software Engineer

Tata Consultancy Services

March 2015 - October 2016

- Developing Project to integrate Entire Beats Product range into iLog.
- Enabling Generation and Conversion of Beats Product Serials into Apple Product Serials.
- Developing and Designing Services to Integrate Repair Strategies from 3rd Party Systems.
- Developing Coherence Cache for caching Repair Strategies.
- Fetching and Integrating on Device Diagnostic Reports into iLog.
- Migrating Project from Struts 1 to Spring 3.

Software Engineer

Freelancer

July 2014 - March 2015

- Developed a Mobile based action game (Yikes! Incoming) using Unity 4.6 Game Engine, Blender, MonoDevelop, Facebook SDK, AdMob SDK.
- Created few mobiles Apps for Android and iOS
- ScanCode - Ticket Booking/Selling Application
- MySikhi - Application with English and Roman translation of Sikh's religious text in Gurumukhi
- Apps for conferences : Mumbai Live Endoscopy, NHFCCD for National Health Foundation and Research Institute, Asian Gastro for Asian Institute of Gastroenterology

Software Engineer

Wipro Technologies

June 2012 - July 2014

- Developing Mobile Compliant Corporate Treasury Portal using Liferay Portal Server 6.0
- Installation and configuration of Liferay Portal Server
- Developing JSR 168/286 compliant Portlets using Struts 2
- Using Mule ESB as middleware for orchestration of RESTful Services
- Using Hibernate 3.0 for database Connectivity
- Developing Parser for MT Message Formats using Core Java.
- Designing Schemas and Table structures.