**Sandeep Kumar Aggarwal**

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**SOLUTION ARCHITECT & TECHNOLOGY MANAGER**

**Microservices | API Management | Full Stack | Cloud Native**

Highly accomplished Solution Architect & Technology Manager with record of leveraging in-depth technical acumen to provide creative business solutions

* Proven expertise in successfully strategizing and completing large scale initiatives with **14 Years of progressive experience** with responsibilities including architecting, managing Enterprise Programs
* Expert in leading team of 20+ members for more than 5 years in development of software platforms using scrum, scrum of scrum, SAFe agile methodologies
* Over 5 Years of architectural experience as Microservice Architect, API Architect, Cloud Architect, Solutions Architect, Full Stack Architect & Technology Manager
* Expert in building technology competency teams & center of excellence across portfolios
* Expertise in doing client proposals across the technology board in both custom & package space
* Expert in conducting recruitment drives and building up the teams
* Member of architect committee at organization level, and experience in conducting architecture reviews, webinars across the consulting portfolios
* Institutionalized best-practices, and pattern-oriented approach
* Proven expertise in microservice architecture and agile methodologies
* Strategized solution delivery across multi-vendor, multi-domain business
* Tech Savvy- strategy based, metrics driven, intelligent analytics oriented, optimistic forward-looking team player

**SKILLS**

* Agile Methodology - **Scrum** | SAFe
* Architecture – **Microservice, Event Driven, API Management, Cloud Native**
* Programming Languages – **Java** | Python
* Frameworks – **Spring** | **Springboot** | **Spring Data | Spring Security (OAUTH) | Angular** | React
* API Management – **Netflix Zuul | Amazon API Gateway**
* Cloud Native – **Docker** | **AWS** | Kubernetes
* Event Driven – **Logstash**, **Kafka**
* Database – **MongoDB**, **Elastic Search, PostgreSQL**
* Big Data – Hadoop
* Content Management System - Drupal | AEM | **DITA OT** | WCM | **CCMS**
* Software Development – **TDD**
* Automation - **Rest Assured | Mockito | Junit** | JMeter
* DevOps - **Jenkin**
* Monitoring - **Prometheus** | Distributed Tracing | Zipkin | **Jaeger** | **ELK | Amazon Kinesis |** AWS Lambda
* Version Control – GitHub, Bitbucket
* Management – **Team Player,** **Leader**

**WORK EXPERIENCE**

**Deloitte -** *Bangalore* Nov 2015 - PRESENT

**Specialist Master**

Responsible for architecting & technology delivery for a team of 20+ members around key areas like microservice architecture, full stack development, API management and cloud deployments.

* Did API assessment of the large life insurance company at the enterprise level and submitted the technology roadmap for the next 1 year. Key focus areas were **Amazon API Gateway, Microservices, Netflix Zuul & Eureka, Swagger**
* Setup Jenkin job & **AWS** environment using EC2, ECR, Docker, Amazon CloudWatch, S3, Route 53, Amazon API Gateway for close to 1 year
* Led enterprise level **microservice** architecture consistency and implemented industry **design best practices & patterns**
* Managed and architected content deployment platforms which handles more than **2 million** of content deployment
* Executed strategic initiatives in the firm like building up **DITA** competency, **microservice** competency, Drupal competency of more than **100 practitioner**
* Delivered solution architecture for multiple proposals, with the ability of execution for any technology
* Led multiple teams with size of more than **20+ members**
* Played role of **Full Stack** Architect across following – Springboot, Angular, Java, Python, Node, React, Hadoop, MongoDB, Elastic Search, Kafka, Logstash

**Allstate** *- Bangalore* June 2014 - Nov 2015

**Lead Consultant**

Played lead role in helping out captive in setting up the design & quality cadence with the vendor team

* Spearheaded the design & quality initiative and setup the best technology practice
* Improved collaboration with other projects which helped in accelerating delivery
* Was one of the quick learners in understanding complex existing Auto Insurance implementation and helped teams in bridging the knowledge gaps. Key focus areas were **Struts, IBM WebSphere Application Server**

## Accenture *– Bangalore* April 2007 - May 2014

**Team Lead**

Played key offshore & onsite roles and was one of the youngest certified technology architects

* Managed team of 20 plus practitioners & architected design for one of the largest insurance company where client was working on building out technology vision for the next 5 years. Key focus areas were **Spring Framework, Web Services (Apache CXF), MuleSoft, UML**
* Performed onsite lead role for 2.5 years for one of the largest health insurance company
* Delivered heath care portal for the employers in very stringent timelines
* Contributed to business evaluations on innovative technologies. Key focus areas were IBM WebSphere Portal & **Spring Framework**
* Digitized the paperwork for one of the largest health insurance company which helped client in improving employee’s efficiency. Employees were able to submit the applications even if backend is down
* Gave training to a batch of more than 10 new joiners and made them project ready

## SR Infotech *- Gurgaon* November 2006 - March 2007

**Software Trainee**

Have been seasoned java developer from the college time and played developer role

* Developed web enabled solution provider to manage academic system, to connect several local offices with head office. **Key focus areas were JSP, Servlets, Tomcat, MySQL**

**EDUCATION**

**Computer Science & Engineering –** *Himachal Pradesh University*

Expected Graduation - June 2006

**CERTIFICATION**

* Sun Certified Java Programmer
* Oracle Certified JavaEE6 Web Component Developer
* IBM Certified Developer Web Portal
* Accenture Certified Technology Architect
* Certified Scrum Master
* Adobe Experience Manager 6 Certified Developer
* Adobe Multi Solution Certified Developer

**TRAININGS**

* AWS Solution Architect Associate – C002
* Adobe Multi Solution Workshop

**LANGUAGE COMPETENCIES**

* Hindi: native language
* English: fluent (speaking, reading, writing)