

# Satendra Kumar

E-mail: [satendrakumar06@gmail.com](mailto:satendrakumar06@gmail.com)

Phone: +91-9818054980

LinkedIn: <https://in.linkedin.com/in/satendrakumar06>

Github: <https://github.com/satendrakumar>

---

## SUMMARY:

- **9+ years** of experience in **Software Development**.
- **5+ years** of experience in **Architecting, designing** and **implementing big data solutions**.
- Experience in delivering large scale projects(built on Scala/Akka) deployed on AWS Cloud
- Leading the Data Engineering and Analytics Team
- Expert in the **Scala, Spark, Play framework, Slick**.
- Having Strong knowledge of **Functional programming**.
- Having good experience of **AWS and Databricks Cloud**
- Experience of working with cross-cultural and cross-functional teams under multinational environments.

## SKILL SET:

- **Programming languages** : Scala, Java
- **Concurrent and parallel programming** : Akka, Scala's Future API
- **BigData** : Spark, Kafka, Snowflake, S3, Databricks cloud, ElasticSearch
- **Database Servers** : MySQL, PostgreSQL, H2
- **Frameworks** : Play Framework, Slick
- **Testing** : Junit, Scalatest, Specs2, Scoverage
- **Build Tool** : SBT, Maven, Gradle
- **Rest Framework** : Akka-http
- **Cloud Services** : AWS Cloud Services

## EDUCATION:

- First Class Bachelor Degree of Engineering in Computer Science(**2008-2012**)

## WORK EXPERIENCE:

- Working as **Tech Lead** with Techsophy Inc, Hyderabad from 11 May 2017 to till date.
- Working as **Senior Associate** with Sapient Global Market, Gurgaon from **5 December 2016** to **10 May 2017**.
- Working as **Senior Software Consultant** with **Knoldus LLP Noida** from **3 June 2013** to **2 December 2016**.
- Worked as a **Software Engineer** with **Pointer Soft Technologies Delhi**, June 2012-May 2013

## PROJECT #1

Title	: Decooda Platform 2.0
Client	: Decooda USA
Team Size	: 15
Duration	: May 2017 - till date
Role	: Architect
Technologies	: Scala, Java, Python, Spark, Akka, Play framework, Kafka, Elasticsearch, Snowflake, MySQL, S3, Databricks Cloud, AWS cloud, Docker, AWS Kubernetes

**Description:**

Decooda Platform 2.0 is a real time and batch processing analytics engine to handle large scale data. It is based on lambda architecture and deployed on AWS cloud. It can analyze any text, audio or video content to reveal better insights.

**Responsibilities:**

- Responsible for designing and managing the architecture
- Responsible for code review and merge pull request
- Responsible for deployment and monitoring

**PROJECT #2**

Title	: MC3 2.0
Client	: Decooda USA
Team Size	: 5
Duration	: May 2018 - June 2021
Role	: Architect
Technologies	: Scala, Java, Akka, Play framework, Elasticsearch, Docker, MySQL, S3, AWS cloud

**Description:**

MC3 2.0 is the next generation of visualization and configuration tools built on react and api built on top of the Play framework. It is used for visualization of all kinds of analytics and creating and configuring the workflow to run new analytics. It is deployed on AWS cloud.

**Responsibilities:**

- Responsible for designing and managing the architecture
- Responsible for code review and merge pull request

**PROJECT #3**

Title	: Data Lake
Client	: Decooda USA
Team Size	: 2
Duration	: June 2018 - Jan 2019
Role	: Architect
Technologies	: Scala, Spark, Delta lake, S3, Databricks Cloud, AWS cloud

**Description:**

Date lake is a repository of a variety of raw data. All the incoming data(historical and streaming) are stored into Data lake's table. It is built on top of Delta lake. All the analytics are consuming data from Data lake.

**Responsibilities:**

- Responsible for designing and managing the architecture
- Responsible for creating the Spark job to write the data into Data lake
- Responsible for data validation

**PROJECT #4**

Title	: Risk Analysis System
Client	: HSBC Bank
Team Size	: 30
Duration	: Dec 2016 – 10 May 2017
Role	: Scala, Akka and Spark Expert.
Technologies	: Scala, Akka, Kafka, Spark, HDFS, Hbase, HDP, Hive, Elasticsearch, ScalaTest, Maven.

**Description:**

RSL is a financial risk management system. It provides analysis on cross assert classes and 50+ risk type analysis.

**Responsibilities:**

- Responsible for managing All data ingestion into HDFS.
- Responsible for all Scala, Akka & Spark code review.
- Responsible for the Code Quality