

## Contact

+91 9807777735 (Mobile)  
gopal.tiwari2012@gmail.com

www.linkedin.com/in/  
gopaltiwari2012 (LinkedIn)  
dzone.com/users/2730125/  
gopaltiwari2012.html (Blog)  
github.com/gopal-tiwari (Other)  
gopal-tiwari.github.io/ (Personal)

## Top Skills

Apache Spark  
Java  
Apache Kafka

## Languages

English  
Hindi

## Certifications

MCSA: Web Applications  
MS: Programming in C# Specialist  
MS: Programming in HTML5 with  
JavaScript and CSS3 Specialist  
MCPS: Microsoft Certified  
Professional  
MS: Developing ASP.NET MVC Web  
Applications

## Honors-Awards

Awarded Honorable Mention in  
"International Innovative Application  
Competition"  
Secured 2nd position in IBM National  
Software Demonstration Competition  
Selected in Top 18 Software Projects  
of India  
Above And Beyond  
Great Investment Idea Award

## Publications

Build and Install Hadoop on  
Windows with Native Binaries  
Apache Spark on Windows 10

# Gopal Tiwari

Big Data Developer at VISA Inc.  
Bengaluru

## Summary

BigData | Spark 2 | Scala | Kafka | Hadoop | Streaming |  
ElasticSearch | Kibana | Cassandra | Hive | Impala

Adroit Open Source and Big Data enthusiast working as Senior  
Software Engineer with VISA Inc., having an experience of more  
than 7 years in product development with Scala, Java & C#.

Advanced technical experience on ETL Big Data solutions using  
Apache Spark, Hadoop, Kafka, Hive, ElasticSearch, Logstash,  
Kibana and Cassandra. Having proclivity towards learning new  
technologies and languages

Having proclivity towards learning new technologies and languages.  
Loves exploring new languages & technologies. Always finds time to  
blog key ideas that I discovered while solving challenging problems.

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## Experience

### Visa

Senior Software Engineer  
October 2018 - Present (1 year 10 months)  
Bengaluru Area, India

Create and optimize the ETL flow to process data stored in Hive, based on the  
requirements from product office. Write code in Scala with Spark framework,  
Unit tests, and Manage git pull requests. Tuning & optimization of Spark  
memory & cores is one of the critical task for this project due to huge data  
volume ~150 Billion Records with ~6 TB on disk size.

### IQVIA

Application Development Specialist  
November 2016 - September 2018 (1 year 11 months)  
Bengaluru, Karnataka, India

Extracting insights from TB's of data collected at medical transactional level.  
Ex. Prescription adherence of a patient, his choice of medical plan, majority or plurality stores etc.

To create query builder & framework to validate, upload, schedule and process data stored in Hive, based on criteria provided in config Code is primarily written in Scala using Spark. Tuning & optimization of Spark memory & cores is one of the critical tasks for this project due to huge data volume.

## Infosys

2 years 10 months

### Senior Systems Engineer

April 2016 - November 2016 (8 months)

Bengaluru Area, India

ElasticSearch, Logstash, Kibana, Kafka, Visualizations of Dashboards, Metric computation ETL coding for streaming data with Spark Streaming and Kafka. Develop Spark streaming application to show real-time metric on dashboard along with Kafka administration, extract Metric from Cassandra and Kafka, Spring Rest, Front End & Web Sockets.

### Systems Engineer

February 2014 - March 2016 (2 years 2 months)

Bangalore

## Bizz Shine Infosystem Pvt. Ltd.

### Software Developer

February 2013 - February 2014 (1 year 1 month)

Lucknow Area, India

Application development responsibilities for front-end, back-end & database development which involves technologies like ASP.NET jQuery, Bootstrap CSS, SignalR, ADO.NET and MS SQL Server.

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## Education

### Uttar Pradesh Technical University

Bachelor of Technology (B.Tech.), Computer Science & Engineering · (2008 - 2012)