Gopal-Tiwari.github.io

Linkedin.com/in/GopalTiwari2012

Github.com/gopal-tiwari

DZone.com/users/2730125/GopalTiwari2012.html

Hackerrank.com/Gopal_Tiwari2012

Languages

Java	●●●●●○
Scala	●●●●○○
C#	●●●○○○

Big Data Stack

Spark Batch	●●●●●●
Spark Streaming	●●●○○○
Apache Kafka	●●●○○○
HDFS	●●●○○○
ELK Stack	●●●●●○

Databases

Hive	●●●●○○
Impala	●●●○○○
Cassandra	●●●○○○

Web Technologies

AngularJS	●●○○○○
Bootstrap	●●●●●●
CSS3	●●●●●○
HTML5	●●●●○○
JQuery	●●●◐○○

Other Tools/Technologies

Git, Jenkins, ASP.NET, Signal-R, Web Sockets, Windows Services, REST Services, Shell Scripting, Spring, Grafana, Windows, Linux, Cloudera, Jgitflow, Jenkins

Education

B.Tech CSE	UPTU – 2012 (73.68)
Intermediate	CBSE – 2007 (64.6%)
High School	CBSE – 2005 (61.6%)

Microsoft
CERTIFIED
Professional

Microsoft
Specialist
Programming in C#

Microsoft
Specialist
Programming in HTML5
with JavaScript & CSS3

Gopal Tiwari

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Profile

Adroit Open Source and **Big Data enthusiast** working as Developer with IQVIA (formerly QuintilesIMS), having an experience of more than **6 years** in product development with **Scala, Java & C#**. Advanced technical experience on ETL solutions for Big Data using **Apache Spark, Kafka, Hive, ElasticSearch**, Logstash, Kibana and Cassandra. Having proclivity towards learning new technologies and languages.

Experience (6.1 Years)

Frameworks/Utilities/Open Source

Dataset-Unit-Testing-Framework (Spark-Core, Scala, Scala-Test)	HDFS-File-Merge (Hadoop, Spark-Core, Scala, Scala-Test)
SaralBusiness is a Vendor Listing wners can register their businesses & end-user could search by his criteria **Git Hub Link:** github.com/djkzmkc/dsf	SaralBusiness is a Vendor Listing (yellow & end-user could search by his criteria **Git Hub Link:** github.com/djkzmkc/dsf
Spark-Scala-Extensions (Hadoop, Spark-Core, Scala, Scala-Test)	**Fixed-Length-File-Parser** (Hadoop, Spark-Core, Scala, Scala-Test)
SaralBusiness is a Vendor Listing (yellow pages) website where owners can register their businesses & **Git Hub Link:** github.com/djkzmkc/dsf	SaralBusiness is a Vendor Listing (yellow pages) website where owners can register their businesses & VISA Internals

IQVIA (QuintilesIMS) As Application Development Specialist (30 Nov, 16 – Present)

▪ **PDS (Patient Data Strategy)**
(Apache Spark, Hive, Impala, HDFS, Scala)

PDS is all about 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.

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

▪ **Loyalty Hub**
(Apache Spark, Hive, Impala, HDFS, Scala)

Loyalty hub project is based upon finding if a patient is loyal in taking or following his perception or purchasing medicines from a specific store.

> **Responsibility:** Majorly task involves writing & tuning **Scala** code to utilize **Spark** framework & applying transformations on data stored in HDFS using SparkSQL.

Interests

Online Articles Published

- Build and Install Hadoop on Windows with Native Binaries
  - Article Link (goo.gl/SNVNOz)
  - Video Link (goo.gl/65Erh3)

- Setting Up and Running Apache Kafka on Windows OS
  - Article Link (goo.gl/flXVh6)
  - Video Link (goo.gl/iLSSya)

Can Speak & Write

- English
- Hindi

Contact Info

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Sarjapur Main Rd,
Doddakannelli,
Bangalore – 560035, IN.

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Infosys Command Center
(ASP.Net, ADO.Net, C#, MS SQL Server, Windows Services, JQuery, Bootstrap, CSS3, Tibco Queue, D3.js)

Infosys Command Center is a business monitoring and anomaly detection system that allows users to monitor their business metrics, incident tickets and job schedules in real-time and is able to predict or show anomalies on live data.

Responsibility: Windows service code in C# for Incident & Job Processor, Anomaly Graph development using D3.js, Database development, code integration & Code quality monitoring.

Finacle E-Banking
(Core Java, Spring Framework, Oracle Database)

Finacle Online Banking solution provides a unified internet banking platform that caters to the banking needs of a bank's retail & corporate customers.

Responsibility: Core Java Code, Customizing/configuring product according to client's need, development of new feature.

Bizz Shine Infosystem Pvt. Ltd. As Software Developer (02 July, 12 – 7 Feb 14)

FriendsMantra.com
(SignalR, asp.net, MS Sql Server, Bootstrap, jQuery)

A Social Networking website with features like chatting, friend request, people search, content sharing, image sharing, photo albums and more.

Responsibility: Architecture design, coding, UI & database support for user & admin panel.

SaralBusiness.com
(asp.net & MS Sql Server, Bootstrap, jQuery)

SaralBusiness is a Vendor Listing (yellow pages) website where owners can register their businesses & end-user could search by his criteria.

Responsibility: Frontend, Backend & Database developer.

Activities & Awards

- Hackathon 2017 genomics project awarded as **Great Investment Idea** at IQVIA.
- Awarded **"Above & Beyond" in IQVIA** for exceptional product delivery.
- Received participation certificate for Capgemini Tech Challenge 3.0 in 2016.
- **Awarded honorable Mention** for Project ElectroSoft in "International Innovative Application Competition" at Geneva, Switzerland **by International Telecommunication Union (ITU)**, Switzerland. (goo.gl/XIKpYT)
- Selected in National Level Competition-TechTop 2011 in top 18 software projects of India. (goo.gl/vs5ls7)
- Secured 2nd position in IBM National Software Demonstration Competition in 2012.
- Awarded Gold in Caring Souls Foundation(NGO) for helping cancer victims

Industrial Trainings

- Attended 15 Days **LightBend training on Scala & Spark**.
- Six month training in C# & ASP.NET (With SQL SERVER 2008) from NIIT
- Training in J2EE with Struts Framework at HP Education Services

Technical Presentations

- Presentation on **Git branching standards** using JgitFlow & Jenkins in IQVIA.
- Presented a Business plan on ELECTROSOFT in National Level Competition
- Presented paper on Mobility Issues In 4G Communication in ITBHU (IEEE)
- Delivered a seminar on "CLOUD COMPUTING" in College