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# **Summary**

# Experience of **2 years** in development and deployment of Java based projects. A good communicator with ability to work in a team and work according to deadlines. Using and promoting best programming practice for maintainable code. Working with full confidence to solve every problem and achieve every goal within the time limit.

# **Highlights**

* Experience of working in **AGILE and Waterfall approach** of Software Development.
* Programming Experience in **Java 8 (major features)** as well as J2EE
* Experience in **Apache Solr (Lucene)(major features)** based configuring, searching and indexing
* Creating and managing **Solr cores for data on Cloud.**
* Complete knowledge of Spring core and it's implementation.
* Creating and managing database schema
* Working and managing multiple projects ( currently live ). Managing every work with full responsibility and delivering every work within time limits.
* Knowledge of professional software engineering practices and best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations.

**Technologies highlights**

* Java: Core Java, Advanced Java (J2EE), Spring , Hibernate
* PHP
* Databases: My Sql, Sql Server,

No Sql( Apache Solr)

# **Experience**

## July 2017 - PRESENT

### EBC Technology, Lucknow *-* Java Developer

**Tools**

* TFS (Team Foundation Server)for source code management
* Jenkins for continuous integration and automating build process
* Eclipse IDE, MySQL Workbench, Netbeans IDE

# **Major Projects :**

1. Web3Indexer

* Developed for EBC Technology for managing the data to be searched on major projects of company including:

<https://www.scconline.com/>

<https://www.scccasefinder.co.in/>

<https://www.ebcexplorer.com/>

* Developed and made this project live within 1.5 year of experience single handedly.
* Project includes major and important concepts of java like:
* Collection Framework
* Reflection
* Multithreading (Executor Framework)
* Stream API
* Lambda Expressions
* File Handling (IO and NIO)
* Xml Parsing and processing( with jsoup and DOM Parser)
* JDBC ,etc.
* Solr with java (solrj API) used for querying and indexing documents.
* Indexing data to a parent core with different field used for different purposes.
* Runs on daily basis for new data.

1. BrowseIndexer

* Project for browse feature of :<https://www.scconline.com/> in java.
* This project creates and index the trees structure of browse features of <https://www.scconline.com/>
* Managing different browse section tree structure and data to be visible in the tree structure.
* Managing the order and sequence of data to be visible in browse sections.
* Runs on daily basis for new data.

3. Citation Correction

* Console based applications to read data from database or XML document. Processing and correcting those XMLS according to rules of organisations and indexing them to solr core. This solr core is used for searching by [scconline.com](https://www.scconline.com/).
* Requirement gathering and searching various approaches of processing xml documents. Performing data testing on indexed documents.
* Runs on daily basis for new data.
* Is running live on one go with no exception or errors found yet
* **Java, SolrJ API, SQL Server.**

4. Suggestor

* Project for suggestions on searching in <https://www.scconline.com/>
* For all feature in <https://www.scconline.com/> suggestion on searching are provided by data indexed through suggestor application.
* Indexing using terms query of Solr to display suggestion on the bases of highest frequency data on top.

# **Other Projects:**

* **Ebc Explorer**: <https://www.ebcexplorer.com/>. A php based project. With admin site and main site.( Currently managing the project, no development done).
* **DOI Insertion application**: Another application for updating the indexed data and xml. For creating a unique key for every document visible on <https://www.scconline.com/>
* **Citation Linking application:** Currently working this project. A project to create link tag in xml for any linked Citation present in xml content and the linked Citation document is also present on [https://www.scconline.com](https://www.scconline.com/)/ . This will link a document with many other documents and make searching easy .Using solr 7.4 feature Solr Text Tagger.
* Few other utilities for indexing, updating and managing the data.
* Managing the solr instance live as well as its replicas.
* Configuring Solr for every requirement like highlighting ,text tagging , boosting etc.

# **Education & Training**

* B.Tech (CSE.) from BBDNITM (AKTU) with 69.4% in 2017
* M.Tech (CSE) from University of Kerala
* 2018-2020
* Training on Java SE ,Java EE, PHP
* Passed 12th from CBSE Board with 75% in 2013
* Passed 10th from ICSE Board with 81% in 2011

I do hereby declare that the above-mentioned information is true to the best of my knowledge & belief.

**PLACE: LUCKNOW (Tarnija Srivastava)**