

PURVA JAVALE

Senior Software Engineer

Experience

Hexanika

February 2015 – Present, Pune
Senior Software Engineer

Hexanika's Solution – Smart Reg

(End-to-end data management, Regulatory reporting, and Analytics solutions for Banking)

- Involved in designing and building data agnostic Extract Transform Load (ETL) engine, in Java-Hadoop-Spark and automated the process - resulting in a revenue lift of \$1M
- Built the module for Standardizing file in ETL engine
- Created Soap APIs that served data to front-end (.Net) and back-end (Java-Hadoop-Spark)
- Worked alongside with product managers to assist in entire project management using Microsoft Project Management
- Guiding interns for enhancement feature of product, around NLP
- Worked on Proof of concept for **Grange, RSM, Fifth-Third bank, and Smart-Bill** focusing on Smart Reg Solution.

Projects

Citizens Financial Group Solution

January 2020 – November 2020, Pune
Senior Software Engineer

- Created Extract Transform Load (ETL) engine in Java-Spark and automated the process, which helped in replacing existing tools.
- Worked on reporting rules development and used AWS services
- Built internal tool - accommodating logic in xml to build different reports and created utilities for dev testing.
- Involved in deployment process on client's infrastructure
- Hypercare support for 1 Month

Spark on IBM/ZOS

Proof of theory

September 2017 – March 2018, Pune
Software Engineer

- Created Extract Transform Load (ETL) engine in Java-Spark using data residing on mainframe.
- Worked on tools – Webserver, IBM Studio, and DB2 for packaging Smart Reg solution.
- Involved in project management and deployment process on client's infrastructure.

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Skills

Programming language: Java, SQL, C#

Database: MySQL, SQL Server

Framework: Apache Hadoop (Map-Reduce, Hive, HBase), Apache Spark (Spark-Core, Spark-SQL)

Operating System: Windows, Linux, ZOS

Cloud: AWS

Field of interest: BIGDATA

IDE/Tools: Eclipse (STS), Visual Studio, Microsoft Project (MPP)

Other: Web services (SOAP), Windows Presentation Foundation (WPF), Maven

Responsibilities

- Develop efficient software code for multiple use cases leveraging Big Data technologies for various use cases built on the platform.
- Working on In-Memory engine which will help in cleaning and processing of the data along with Hadoop and Spark.
- Design and developed distributed, multi-threaded event processing systems.
- Trained interns in Hadoop and Spark.

Certifications & Awards

Big Data-Hadoop Certification – 2014

Employee of the Year Award - 2016

IBM Data Science Professional Certification - 2019

AWS Practitioner Certification - 2021

Pursing Big Data-Hadoop & Spark Certification - 2021

Education

University of Pune

Bachelor of Engineering in Information Technology
June 2011- May 2014

Interests

Bharatnatyam (classical dance form)

Yoga

Trekking

Drawing