Srihari Shastry

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- Data Analytics Enthusiast with exposure to Data Cleansing, Data Transformation, Data Manipulation, and Data Categorization.
- 3+ Years of experience with writing efficient, optimized, production-level code. A year's worth experience with Data Analytics.
- Familiarity with Algorithms, SDLC, Agile. Fervent for Learning new Programming Languages.

Skills

Languages: Java, Scala, SQL, Pig, Hive, Android, C, C++, HTML, CSS, Javascript, PHP, XML

Algorithms: K-Means Clustering, Page Ranking, Search Algorithms

Database Applications: SQL, MySQL, NoSQL(MongoDB)

Platforms: Windows, Ubuntu, Apache Spark, Hadoop, Big-Data

IDEs Used: Eclipse, Intellij

Application Servers: Apache Tomcat, Xampp

Tools: Junit, Selenium, PIT Mutation

Additional Knowledge: REST, Collections, JavaBeans, J2EE (Servlet, JSP, JDBC, JavaX Swings, Spring), Wire Shark

Experience

Map–Reduce Project – Java   AUG 2019

- Reduced the computation time by 15%, with the efficient use of in-mapper combiner and Apache's Map/Reduce framework.
- Realized 30% cleaner data, with the use of Multiple Map/Reduce jobs and the Multi-Source BFS algorithm. Transformed and Queried the cleansed data for meaningful, valuable insights.

Spark implementation Projects – Scala, PIG-Latin, Hive,   NOV 2019

- Achieved code effectiveness by using apt Scala transformations like flat-map, reduceByKey, joins & map. Discovered several optimizations using Pig-storage, for-each loops, ordering, sorting the input data and, to store the processed data on the disk.
- Improved performance of K-Means Clustering, by 5% using GraphX Pregel API, instead of Multi-Source BFS. Transformed data by applying the Multi-Source BFS algorithm in 3 languages (Scala, PIG-Latin & HIVE).

Distributed Systems Project, RedCross mock application – Java, SQL

- Formulated more than 5, optimized, nested, SQL queries to interact with SQL Tables. Effectively used MySQL database manager, SQL Database connector and JavaX Swings to create an interactive application.
- Exhibited process-time synchronization, between Distributed Systems using the Lamport's Logical Clock Algorithm.
- Discovered 7, practical applications on ArrayList, HashMap, HashSet, String functions. Learned modularization through Java OO concepts such as Inheritance, Polymorphism, Function overloading, Object, Class, JavaX Swings, Multi-Threading.

Ed–Touch(Startup), Mysore– *Android Developer*   DEC 2016 - JUL 2017

- Developed an intuitive Android app, which was targetted for an average market size of 1000-students, with high consistency and reliability by aptly using REST API calls, Picasso, OKHttp requests, Fragments, ArrayAdapter, AsyncTask, Reading JSON Data.
- Worked closely with a 5-person team to understand and productively use REST APIs developed by the backend team.
- Improved consistency and responsiveness of the application by 10% using Activity Lifecycle, lifecycle callbacks.

PEOL Technologies(Startup), Bangalore– *ABAP Consultant*   JUN 2015 - DEC 2016

- Implemented Complete, Slick payroll process for 5 Countries while collaborating closely with the Clients.
- Worked closely with the 3-person development team to effectuate intricate components such as BADI (IT0022), Custom Payroll Calculation, SmartForms & Adobe Forms(visualization reports) for salary reports.
- Diminished search time by 20% through generating a systematic ABAP-HR(OOPS-ALV) report, for Logical Database(PCH).

Education

The University of Texas at Arlington, Arlington– *Master Of Science in Computer Science*   MAY 2020

Graduate Teaching Assistant

Visvesvaraya Technological University, India – *Bachelor of Engineering in Computer Science*   JUN 2015