**Suman Pattnaik**

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## Career Objective

To seek a challenging position in the ever emerging and changing world of application development and to contribute to the current and future technologies and Business development while achieving my targets of personal growth and job satisfaction.

### Experience Summary

- **Sun certified java programmer** with over **12 years** of hands-on IT experience in **Enterprise** and **Application Architecture**, **Design** and **Development** (All Tiers), **Data Analysis & Database Design.**

- **Innovator** with **1 Issued patent (Patent # 9400728 B2)** and **6 patents filed with USPO. Inventor** of **Multiple algorithms to solve complex supply chain issues** in retail industry.

- **Certified Cassandra professional** with solid experience with Cassandra Data modeling, architecture and development.

- **Certified Scrum professional with** in-depth knowledge on Scrum ways of working in an **product** and domain focused environment

- In depth experience with **architecting real time event processing framework** using **Kapa/lambda Architecture** and **using Big data technologies** and **tools** like **Spark, Storm, Kafka, Kafka Connect, Kafka Streams, Spark Streaming, HDFS, Cassandra, Elastic Search, Kibana etc.**

- Well Versed in **Architecting, Designing** and **Coding Big Data, Streaming, Services, MVC and User Interface Solutions**
- Well versed in front end frameworks like **Angular, Struts, JSF, Rich faces** having designed and coded many applications through my career.
- Well versed in **UNIX shell scripts.**
- **Solid experience** in **Cloud Computing** and **developing Cloud Ready applications**
- Excellent hand-on in **RDBMS** including **Conceptual/Logical Database Design** and Model using **Oracle 9i/10g**, **PL/SQL**, **DB2**, **Teradata** TOAD, SQL Navigator, Queryman, QMF and **Packages, Stored Procedures, Triggers** and **Cursors.**
- 1+ year experience with content **management** technologies like **Fatwire** .
- Possess Strong functional and domain **knowledge** and **experience** in **Retail** as well as **Banking/Credit Rating** industry.
- **Solid management skills**, demonstrated proficiency in lending and mentoring individuals to maximize levels of productivity, while forming cohesive team environments.
- **Excellent Client interaction skills** and a very good **team player**, with the ability to work independently.

## Work Experience

| Employer | Designation | Duration |
|---|---|---|
| Walmart Stores Inc, Bentonville, USA | Technical Expert | Dec, 2015 - Present |
| Walmart Stores Inc, Bentonville, USA | System Analyst | Oct, 2013 – Nov, 2015 |
| Walmart Stores Inc, Bentonville, USA | Senior Programmer Analyst | July, 2011 – Sept, 2013 |
| Infosys Technologies Ltd, Atlanta, USA | Technology Lead | July, 2004 – July, 2011 |

## Academic Profile

- **Master in Business Administration – 2013 -** Walton Business College (University of Arkansas)
- **Bachelor of Engineering (Electronics and Telecommunication) – 2003 –** A.B.I.T, Biju Patnaik University of Technology.

## Technical Skills

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|---|---|
| **Languages:** | Java, Scala (In learning stages) |
| **Distributed Frameworks:** | Hadoop(Spark Streaming, HDFS, Hive), Storm, Spark, Skafka Streaming, Kafka Connect, Elastic Search |
| **NoSQL:** | Cassandra |
| **RDBMS:** | Oracle, DB2, Informix, Teradata |
| **Architecture/Framework :** | Lambda, Kapa , MVC, Struts 2.0, JSF, Rich faces, Angular, Spring |
| **UI Technologies :** | Servlets, JSP, JDBC,JNDI,JMS, EJB, Hibernate, Struts , XML Parsers (Sax, DOM), Web Services, MyBatis, Spring, JSF, Angular, HTML, Java Script |
| **Web Services :** | JAX-RS, SpringBoots |
| **Application Servers :** | Websphere Application Server, SunAppServer, Tomcat |
| **Tools/Utilities:** | Kibana, Graphite, Graylog,  Putty, WinSCP, TOAD, SQL Navigator, MS Visio, LucidChart, pdf995, Queryman, QMF, Jenkins, Confluence, Sonar, OneOps etc. |

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|---|---|
| **Profiling/Testing :** | JUNIT, Cucumber, Heap Analyser, Log viewer, IE Tester, Java Melody |
| **Version Control :** | Git, SVN |
| **Agile Tools:** | Jira, Leankit |
| **Cloud Platform:** | OneOps, Azure |
| **Operating Systems:** | Windows, OS X, Linux, Unix |

## Highlights

- **1 Patent Issued** for developing a cross platform-monitoring tool using Log traces and density. **4 patents filed.**
- While working in Walmart for a Japan project, Created Open source solution called **Spreadsheet Generator** for optimizing Memory while exporting spreadsheets including xls, xlsx and csv.
- **Created a Java Training group in Walmart** called **"Coffee Spills"** where a lot of Java volunteers group together to teach through a series of classes to associates with no Java knowledge. This has got attention from many leaders in Walmart and has been discussed as success story on many platforms in the company.
- **Founded  Java Users Group of Bentonville** to popularize and share Java knowledge with people of all spheres and companies in Bentonville
- **Founded  Cassandra Users Group of Bentonville** to popularize and share Cassandra, Spark and related noSQl knowledge with people of all spheres and companies in Bentonville
- While working with Infosys at client location in Atlanta, played a big part in developing a **application server** for a critical workflow.

- Represented Walmart at various **Technical conferences** like **JavaOne, Spark Conference, Cassandra Conference.**
- Travelled to **Japan** for one of the international integration projects for Replenishment in Walmart.
- Currently bestowed with the responsibility to lead one of the most game changing initiative – Enterprise Inventory in Walmart in the role of **Technical Lead/Architect. This initiative is to set up the real time Inventory system for Walmart( One of the biggest initiative in Walmart History).** Have represented the team at many platforms and demonstrated the design and workflow to various leaders in Walmart.

## Awards

- **Recipient** of **Inventor of the Year award** (2017) for Patent issued **(Patent # 9400728 B2)**
- **One of the 4 finalists** for the **Innovator of the year award (2017)** for designing and architecting the Streaming architecture for Enterprise Inventory and various other innovative ideas.
- **Associate of the Quarter award** (2016) for standout performance among Walmart associates in 1$^{st}$ Quarter of 2016
- **Spark award** (2016) for writing an algorithm to solve on hand anomalies systematically.
- **Strive for Excellence award(**2015**)** for excellence in customer service with Japan integration and simplification projects.
- **Pass the Baton(**2015**)** award for mentoring number of new associates in the team.
- **Genesis award (2012)** for excellence in Technology in the first 2 years in the company
- **Multiple AOM awards** for different project implementations.

- **IEVP award** in Infosys for single handedly migrating all Batch/EDDS jobs from WAS to JES environment.
- **Recipient of beta-Gamma-Sigma award** while **graduating** with **MBA** from **Walton Business College (UofA)**

## Other Activities

- Developed many a tools, which has touched business touch point for the client and have been highly appreciated. Example: Delivery Optimizer tool to optimize the number of deliveries and time slots for Seiyu.
- Founded the Coffee Spills Java Started program along with fellow Java Mentors. This has helped more than 200 associated get trained in java so far since its inception in 2015.
- Founded the Bentonville Java Users group along with fellow Java evangelists to help spread the knowledge of Java in the community
- Founded the Bentonville Cassandra Users group along with fellow Cassandra evangelists to help spread the knowledge of Cassandra in the community
- Led various teams through Hack days and filed many Patents with fellow team members.
- Created Java Paths in Path gatherer.

## Personal Details

- **Marital Status –** Married
- **Nationality –** Indian
- **US Visa Status –** H1B (I140 approved since 2012)