

Earnestly looking for opportunities to venture into a new area of Deep learning [neural networks] and Artificial intelligence. Keen on expanding my learning into wider scope from the previous work experience that I have had over the years.

### **Professional Summary**

- For 8+ years of professional experience in application development and maintenance, mainly web-based applications and middleware development using JAVA/J2EE and C++ based technologies.
- Track record of being successfully performing application design (technical/ solution) and development; developed and maintained application architectures for various business functional areas; resolved integration and interface issues between various applications or systems which focuses on optimizing application performance and scalability
- Analyzed bug patterns and provided insights and practices to the development team for prevention of high priority/ severity bugs
- Interacted with users for requirement gathering; prepared functional specifications and low-level design documents. Knowledgeable in common SCM practices, such as branching and code merge
- Experience in Supply chain Warehouse Management Software (Manhattan WMOS) for the last 7+ years.
- Working experience in JAVA 8, Microservices Architecture, Spring Boot, RESTful Web services, Docker, and eureka.
- Experience in effort estimation for the requirements, creating technical specifications, providing technical support, and coordinating with the team resources to ensure the smooth progress of project work.

### **Technical Skills**

- Java/J2EE, C++, JavaScript, XHTML and XML , Python2
- Oracle 10g, My SQL and worked on Stored Procedures
- Technologies/Frameworks worked on: Java 8, Spring, Docker, Mockito, RESTful Web services, Hibernate, QueryDSL, Junit and Message Queues[Active MQ, Rabbit MQ, Kafka], TensorFlow, OpenCV, Keras, Docker Kubernetes.
- Hands-on experience on Kibana, Dynatrace, and GDB Debugging
- Build Tool: Gradle and Ant. Knowledge of UI framework(DSL)
- IDE's: IntelliJ, Eclipse, Visual Studio, Jupyter notebook, Visual studio code, colab google, Pycharm.

**ORGANISATIONAL EXPERIENCE**

<b>Organization</b>	<b>Manhattan Associates Inc.</b>
	<b>Senior Software Engineer(Aug 2013 - Jan 2021)</b>

**Project Overview: Warehouse Management Open Systems (Manhattan Associates)**

Manhattan's WMS is the supply chain innovation for organizing and optimizing warehouse operations used by retail stores to maintain its scalability and performance.

**Roles and Responsibilities**

Involved in the product lifecycle - Design, Development, Testing(QE support), Performance Engineering, Customer Implementation support, and Go-Live support. Additionally, mentor and train peers to help understand the technical stack and functionality of the product.

- Active involvement in Technical and Functional Design of modules/components owned
- Adhering to Agile methodology  
Mentoring and Training peers to assist in completing tasks and meet objectives.
- Code reviews, test case reviews and refactoring
- Lead for outbound execution components for microservices architecture
- Maintenance work of modules owned for released versions of WMS
- Supporting QE during testing, integration and release phase
- Supporting customers during Go-Lives or production issues
- Reviewing and providing help for custom implementations
- Supporting PE runs and fixing any issues coming out of it

**Enhancements and Contribution**

- Design and implementation of outbound execution components(picking, packing, sorting, post- packing operations in the warehouse) on the microservices architecture in a flexible, optimal and efficient manner.  
Technical implementation using Java 8, REST, queryDsl(JPA), Junit, Spring boot, Docker.
  - Provided REST endpoints for picking, packing, and post-packing which can be invoked from UI or an MHE based system.
  - Came up with contracts with other components which work in conjunction with outbound execution components.
  - Laid the foundation for Cart functionalities such as MakeCart, PickCart includes Zone picking capabilities.
  - Implemented the key functionalities such as OB Sorting, multi-level Cart & unified execution module.
  - Critical Point of Contact for Execution components like pick and outbound sort (putwall).
  - Developed efficient processing algorithms to optimize the picking or packing process.
  - Using dynatrace to measure application performance & analysis.
  
- Worked on and lead modernization effort of all outbound transactions for mobile using Manhattan's Groovy based proprietary DSL framework. Work involved tailoring the service layer and objects which could be consumed and passed back by the DSL layer. (J2EE/Groovy technologies)
- Worked on Putwall implementation which allows sorting inventory into the putwall for packing. (J2EE/C++)
- Developed user-directed packing mechanism for *pack* from tote and *put* to store transactions.(J2EE/C++)  
Refactored the feature which allows choosing an iLPN for picking in an iLPN tracked location which had touchpoints across multiple outbound transactions. (J2EE/C++)
- Developed a feature that provides the ability to allocate and pick from an alternate location based on eligibility, proximity, and other inventory level criteria, again involving touchpoints across multiple outbound transactions.
- Developed a feature to send feedback events to WorkRelease during Picking and Packing execution.
- Provided maintenance support and gained ownership for the existing Invoice/Shipconfirm functionality.

<b>Organization</b>	<b>WIPRO</b>
<b>Role</b>	<b>Project Engineer</b>
<b>Duration</b>	<b>Nov 2011 - Jul 2013</b>

**Project : Multifunctional Printer Systems****Overview** : The project deals with functionality enhancement embedded in Multi Functional Peripherals [MFP]. It incorporates the functionality of multiple devices in one to provide centralized document management/distribution/production.**Client : Hewlett Packard, US****Languages** : C++, Perl scripting, PHP**Tools** : Gtest, JUNIT, FlowBreezer, GIT.

**Roles and Responsibilities**

- Development using C++ in Unix and code enhancements.
- Deploying the firmware on the engine.
- Involved in Unit testing and building unit test cases.
- Finding root cause by analyzing the information provided by the customer for the raised issue.

**Awards and Recognition**

- “Unsung Hero” in Manhattan Associates (2019)
- “Star Performer” in Manhattan Associates (2018)
- “Above and Beyond” Award in Manhattan Associates

**Educational Details**

- B.Tech (Computer Science & Engineering) from **Gogte institute of technology, Belgaum[2011]**.
- Completed Python for Data Science, AI & Development certificate by IBM [coursera].

**Personal Details**

- Date of Birth : 4th September 1988
- Permanent Address : Plot nbr : 79, Ramtheerth nagar , Belgaum , 590016
- Languages Known : English, Kannada, Hindi, Marathi
- GitHub profile : <https://github.com/Tseema>
- Linkedin profile : <https://www.linkedin.com/in/seema-timmawagol/>