

# AJAY POOJAR JAYADEVA

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## Education

Year	Degree/Course	Institute	CGPA
2023	B.E/CSE	BNM Institute of Technology	8.15

## Professional Experience

### Software Engineer | Manhattan Associates

Oct 2023 – Present

#### Driver Performance Optimization & Utilization Analysis :

- Developed a comprehensive **driver performance tracking system**, incorporating both **Driving Utilization** and **Shift Utilization** metrics in collaboration with the team for optimizing driver workday efficiency.
- Enhanced operational efficiency** by adding Driving Utilization and Shift Utilization columns to the **Driver Workday** database, allowing for more accurate and real-time performance monitoring.
- Designed a color-coded system** to classify driver performance into **green, yellow, and red** categories, improving visibility for operational decision-making and accuracy in performance tracking and reporting.
- Reduced the time** required for customers to monitor driver activity by **almost 90%**, streamlining performance tracking and enhancing overall operational efficiency.

#### Outbound Messaging Integration & System Communication :

- Developed outbound messaging systems for **trip action updates** (e.g., **Add Stop, Remove Stop, Re-sequence Stop**) in collaboration with the team, ensuring reliable message delivery.
- Implemented **Velocity templates** to transform **JSON data into XML** and other formats based on client specifications, enabling flexible integration with external systems.
- Created **RabbitMQ Queues** to ensure efficient outbound message flow and minimal latency for trip actions in a high-volume environment, to ensure optimal performance.
- Automated message processing workflows**, reducing manual intervention and improving efficiency, ensuring faster and more accurate message delivery.

### Software Engineer Trainee | Manhattan Associates

Aug 2023 – Sep 2023

- Gained foundational knowledge of supply chain products and the frameworks built upon them, supporting the development of internal tools and systems.
- Acquired hands-on experience in understanding product functionalities, contributing to a broader understanding of the product's lifecycle and its technical aspects.
- Participated in training sessions focused on Core Java concepts, including key Java features and best practices for efficient software development.

## Projects

### User Web Application :

- Technologies used are Spring Boot, Spring Security, Java 8, Microservices, ReactJS
- Developed a role-based web application with user redirection to distinct portals for Customer, Vendor, and Admin, based on authentication.
- Implemented Spring Security and token-based authentication for secure user access, with token expiration to enhance security.

### Employee Management System :

- Developed a comprehensive system using JDBC, JSP, and Servlets.
- Including modules for tracking attendance, managing payroll, and monitoring employee performance.
- Designed the system to streamline HR processes, significantly improving organizational efficiency and productivity.

## Skills and Tools

- Programming Languages :** Java, Python.
- Technical Skills :** Data Structures and Algorithms, Object Oriented Programming, DBMS, MySQL.
- Frameworks and Technologies :** SpringBoot, Spring JPA, Postman, IntelliJ IDE, Git, SQL developer.

## Achievements

- Secured 2nd place in Innovative project lab summer.
- Coordinated college peers for a cycle street event, raising pollution awareness and engaging participants.