# Sanjay Kumar Dasari

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## Objective

**Dedicated and results-driven Backend Developer** with a proven track record in Java and Spring Boot. Seeking a challenging role to leverage my technical expertise and contribute to innovative full-stack solutions.

## Experience

**Infosys Limited | Digital Specialist Engineer**                          ⚲ *2021 – Present*

*Project*: *Forecasting, Ordering, Planning & Logistics System*
Technologies**:** Java (Spring Boot), DB2, Camunda, REST APIs, Batch Jobs, Excel Integration

- Re-engineered and developed an enterprise system for forecasting, ordering and logistics as part of a cross-functional team.
- Designed and implemented **complex algorithms** for allocation, dispatch, load planning, and carrier optimization — owned end-to-end delivery.
- Led backend development including **REST API design**, **batch processing**, and **Excel import/export**.
- Owned **requirement analysis**, documentation, **low-level design**, and **database schema** design aligned to business needs.
- Built and orchestrated business process workflows using Camunda, aiding in low-level design to support scalable, even-driven operations and re-engineering the legacy algorithms.
- Contributed to a **customer-centric solution**, translating business requirements into scalable and reliable backend components.

*Project*: *Struts Migration*
Technologies**:** Java, Struts (1 to 2+), JSP, Tiles, XML Configuration

- Migrated a legacy system from Struts1 to Struts7 with role-based authorization and custom Tiles configuration.

*Project*: *Order Pre Validation System*
 Technologies: Java (Spring Boot), MS SQL, AWS SQS, Lambda, RDS, EC2, REST APIs, Async Programming

- Built a **multi-module, high-throughput** Order Pre-Validation system with Inquiry & Order APIs, applying **Chain of Responsibility** pattern for modular validation, enrichment and routing across systems.
- Designed **asynchronous, fault-tolerant** order processing using AWS **SQS (DLQ)** and Lambda for **scalable downstream integration, auditing, and guaranteed delivery**.
- Implemented **Feign Clients** with **non-blocking patterns**, centralized logging, and monitoring for reliable distributed communication.

## Skills & abilities

- **Languages:** Java (8/11/17/21), Python
- **Backend:** Spring Boot, Spring Cloud, JPA, Microservices, REST APIs, Spring Security (OAuth2)
- **Cloud:** AWS (EC2, S3, RDS, SQS, Lambda), CI/CD(GitHub Actions)
- **Databases:** MySQL, DB2, Redis, EHCache.
- **Architecture:** Multi-Module, Batch Processing, Event-Driven, Caching Strategies, Design Patterns
- **Testing:** JUnit, Mockito, Prometheus, Swagger/OpenAPI, Postman
- **Tools:** Git, Maven, Jira, STS, Agile/Scrum

## Awards & Accomplishments

- Infosys **Platinum Club Member** (FY26) for exceptional performance and technical excellence.
- **Technical Maestro** Unit-Level Award for delivering high-quality engineering solutions.
- Project level Awards (2x) for contribution within the team and automation reducing deployment effort by ~90%.
- Consistently rated as an **outstanding performer** for 3 consecutive years (2021–Present).

## Education

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| **Gayatri Vidya Parishad college of Engineering, B. Tech**<br>Major: Computer Science and Engineering | – 8.2 CGPA | **2021** |
| **Sri Chaitanya Jr. College, Intermediate**<br>Major: Mathematics, Physics and Chemistry | – 97.3 % | **2017** |
| **Viswakavi Public School, Schooling** | – 9.7 CGPA | **2015** |