



CONTACT

- +91-9014375798
- bhanutejareddypublic@gmail.com
- www.bhanutejareddy.com

EDUCATION

- 2014 - 2018
- LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY
- Batchelor's in ECE

EXPERTISE

- Business Process Digitization
- Requirement Gathering & Freezing
- Solution Blueprinting & Architecture
- Cross-Domain Systems Integration
- Automation & Workflow Orchestration
- Software Architecture & System Design
- Database Modeling & Optimization
- Full Stack Development (Node.js, React, Spring Boot, PHP)
- RESTful API & Microservices Design
- Problem Solving & Root Cause Analysis
- Team Mentorship
- Stakeholder Communication & Technical Proposals
- Apparel ERP Implementation (Production, FG, Packing, Dispatch)
- Business Process Reengineering (BPR) in Apparel & Logistics

SKILLS

REACT

NODE JS

NEST JS

MYSQL

REDIS

KAFKA

MICRO SERVICES

BHANUTEJA REDDI

SENIOR SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Experienced Software Engineer with over 7+ years of success in delivering enterprise applications across the apparel, logistics, and manufacturing industries. Specializes in problem-solving, business process reengineering, and driving digital transformation through scalable, cloud-native software solutions.

Expert in building ERP modules, production tracking, packing, and finished goods (FG) management systems tailored to the apparel supply chain. Automated key workflows such as carton-level packing, FG dispatch, and inventory movement, reducing manual effort by over 40% through intelligent job orchestration and seamless system integration.

Delivered 15+ applications using Node.js, React JS, and PHP, deployed across cloud platforms (AWS, Azure) with robust support for both SQL (MySQL, PostgreSQL) and NoSQL (MongoDB) databases. Experienced with Kafka, Redis, Swagger, and KeyCloak, ensuring secure, high-throughput event-driven systems.

Recognized for bridging business and engineering, aligning software with actual factory floor workflows, and mentoring agile teams to deliver high-impact, sustainable solution

WORK EXPERIENCE

Schemax	2018 - PRESENT
Senior Software Engineer	
Xpparel (Product)	
• Involved In complete Product Design and Deliverables • Developed key Modules like RM and FG Inventory Modules, Packing and Dispatch • Implemented Monitoring and Observability Software to get key insights for Optimizations. • Implemented Operator level and FG level tracking. • integrated with FR, HRIS and WFX ERP systems through RPA and to our Assetx through API's.	
AssetX (Product)	
• Developed an end to end Machine Maintenance System from Machines GRN to retire stage • Developed Resource pooling mechanism to auto allocate the break downs to the respective mechanics/Technicians. • Implemented an Notification System(FCM using) to trigger notifications on different life cycles of maintaince flow to reduce the gap b/w actions. • integrated with our shop floor system to calcualte actula loss hours rela time	
Work Order Management System (Client: Shahi)	
• Architected end-to-end system with NestJS backend and React frontend • Enabled processing of 500+ work orders/month, reducing turnaround time by 40%	
Scan and Pack (Client: Shahi)	
• Developed carton mapping and dispatch modules for factory lines • Tracked 10,000+ cartons/month, reduced packing errors by 30%	
Document Vault System (Internal Product)	
• Designed unified file handler supporting AWS S3, Azure, Digital Ocean • Reduced file upload latency by 50%, cut storage costs by 20%	
IAM System (Internal Product)	
• Designed and Developed internal Identity and Access Management System(IAM) • Developed reusable React authentication library to speed up onboarding across internal products • Reduced user provisioning time by 60%, reused across all our apps	
SFCS (Client: Brandix)	
• Developed Redis Bull JS scheduler processing 1,000+ jobs/hour • Integrated Kafka to sync services; enabled real-time SAP ERP sync • Integrated KeyClock Open Source Single Sign On(SSO) Module and reduced 80 to 130+ development hours. • Delivered modules powering 100K+ garments/month manufacturing flow	
ExportX ERP (Client: SAIL Resources)	
• Led dev teams for SCM solution used by 5+ clients • Improved PO/Finance data accuracy by 45%, accelerated processing by 35% • integrated the Finance Ledger accounts posted directly to the Tally	
TracX (Client: Varun Motors)	
• Integrated Beacon IoT devices, reducing vehicle tracking time by 70% • Deployed Telegram-based alerts, doubling service lead engagement	
ERPX (Client: Sandhya Aqua)	
• Managed ERP for seafood plant processing 20+ tons/day • Automated logistics flow, enhancing delivery efficiency by 35%	
HRMS (Client: Brandix)	
• Revamped payroll and attendance automation • Reduced HR manual intervention by 60%	

HIGHLIGHTS

- Selected as a top performer for 3 consecutive years.
- Mentored the 2021 Edumoon batch at Andhra University and trained interns from 10+ colleges.