Priyesh Bhawsar

hello@priyeshbhawsar.com · linkedin.com/in/priyesh-bhawsar-7b027317b · github.com/priyeshbhawsar15

SUMMARY

Software engineer with 4 years of experience building and deploying production-grade AI agents and enterprise integrations. At PepsiCo, I built LLM-powered automation pipelines with custom tool-calling and API integrations to process orders directly into SAP systems. Proficient in Python, Java, RAG workflows, agentic frameworks, and vector databases alongside cloud infrastructure on Azure and GCP. Focused on bridging complex technical architectures with business workflows in manufacturing and supply chain operations to ship reliable, high-impact agents.

WORK EXPERIENCE

PepsiCo — Software Developer July 2022 – Present

- Built an LLM-powered order automation system which processes a purchase order PDF and extracts customer, line items, etc., constructs a JSON and places the order automatically. Uses custom tool-calling for rigorous customer and product data validation, optimizing extraction workflows to achieve an 86% end-to-end touchless order processing rate.
- Led and built a microfrontend framework for the Order-to-Cash (O2C) system, rolled the application out to several international markets, modifying the core build to handle custom regional workflows. The application simplifies SAP interfaces for Customer Service Representatives (CSRs) and features AI-driven automated order placement via PDF/Excel/Docx scanning.
- Built an order orchestration and search service using Camunda to enforce mandatory field validation and custom business logic before pushing orders to SAP — cutting incorrect and duplicate orders significantly. Integrated Kafka to guarantee zero order loss. The service handles orders worth $3–5 million per month.
- Built an RBAC microservice that manages user roles and persists custom preferences and filters across the application ecosystem.
- Contributed to the consolidation of multiple microservices into fewer, optimized Spring Boot services, enhancing system maintainability. Utilized AI-powered tools to accelerate migration and refactoring efforts by 70–80%.
- Architected the transition from ReactJS to NextJS, prioritizing Server-Side Rendering (SSR) to solve SEO crawlability issues for dynamic product pages. Cut rendering time by 50x by auditing the component lifecycle and stripping out redundant logic that caused excessive re-renders. Improved Google SEO ranking from 8.7 to 7.3 by hitting Core Web Vital targets; this technical shift directly drove a 63% increase in organic clicks.

PROJECTS

F1 Live Telemetry Dashboard github.com/priyeshbhawsar15/f1-pit-wall

- A Node.js packet listener pulls raw UDP telemetry (20Hz or 60Hz send rate) directly from active racing sessions, parses the binary data and throttles high-frequency packets through a Redis pub/sub pipeline to Socket.IO clients.
- A Next.js dashboard that receives live updates over Socket.IO and shows the running order, the live interval between two players, track position, weather and selected-car telemetry, with TimescaleDB storing the time-series data for post-race session replays.

Versioned.AI github.com/priyeshbhawsar15/versioned.ai

- A zero-config **npx** CLI tool that runs every test against every configured LLM provider (OpenAI, Anthropic, Bedrock, Ollama) from a single YAML file, with a local web UI showing per-assertion results.
- Supports deterministic assertions (JSON schema, substring match, latency) and LLM-as-a-Judge rubrics; caches responses in SQLite for free re-runs and exposes a **--ci** flag for GitHub Actions / GitLab CI integration.

EDUCATION

Vellore Institute of Technology, Vellore — B.Tech., Electronics and Communication Engineering June 2022

SKILLS

Agentic AI & GenAI	LLMs, Agentic Frameworks, Retrieval-Augmented Generation (RAG), Prompt Engineering, Vector Databases, Tool-Calling, Text/Data Processing
Software & System Integration	Python, Java, Spring Boot, SAP Integration, APIs & Microservices, Kafka, Camunda, REST APIs
Cloud, Data & MLOps	Azure, GCP, Docker, Kubernetes, GitLab CI/CD, Git, Linux, MySQL, SQLite
Frontend & Tooling	React, NextJS, Node.js, Redux, JavaScript