Gaurav Jani

Senior Forward Deployed AI Engineer
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Experience

Supervity AI, *Senior Forward Deployed AI Engineer* Sep 2026 – Present

- Designed, built and launched the client's **AI vendor invoice portal**, replacing paper submission: **1,250+ vendors**, **17,260 invoices**, **46% auto-posted to SAP** with no human touch, 5.3 min avg. processing.
- Built the **Gemini (Vertex AI) invoice-capture pipeline** that auto-fills PO, GSTIN, HSN/SAC, tax and line items, running as async jobs with retries, JSON recovery and a provider layer that switches between Vertex AI and Gemini Enterprise by config.
- Added **LLM document checks with deterministic guardrails**: supporting-document classification into 14 types with confidence scores, exact ±Rs 1 credit-note validation, and an English/Hindi text-layer override.
- Built a **vendor AI assistant** with Gemini function calling (6 tools) and voice input, plus an **AI Policies** module that lets admins change production prompts at runtime, with model-suggested edits and diff review.
- Integrated **SAP** (PO, GRN, SES, FI posting via PI/PO), **GST e-invoicing (IRN)**, Microsoft Graph and SMS OTP. Built **duplicate detection (3,145 caught)** and SAP vendor-master sync for **111K+ accounts**.
- Deployed on **Azure AKS** with Docker, autoscaling and Azure DevOps CI/CD, using Postgres advisory locks for exactly-once scheduled jobs and request-ID tracing from browser to backend.
- **Primary post-launch contact** for vendors and the client's AP team: ran vendor training sessions, handled escalations and led production stabilization. Review code for the FDE team and onboard new engineers.

Supervity AI, *Forward Deployed AI Engineer* Sep 2025 – Aug 2026

- Core engineer on an **agentic Invoice-to-Pay platform** for one of India's largest cement manufacturers: **855K+ invoices** (Rs 55,800+ Cr) in the last year, **80% auto-posted to SAP**, 3.5 min avg. processing.
- Built **invoice-type identification** from SAP purchase-order data, so each incoming invoice is classified and routed to the right processing workflow.
- Rolled out **category-specific invoice workflows** end to end, from backend logic to UI, for spares, RMC, AFR, packaging, proforma and finished-goods invoices.
- Built the **credit-note request workflow** that handles quantity and tax-rate mismatches on vendor invoices.
- Top contributor to the **portal-to-platform integration API**: idempotent ingestion, payload hashing, and two-way status sync that shows vendors the SAP rejection reason for each invoice.
- Built UI features end to end, including **AI Policies configuration**, operational dashboards and **field-level audit logging**, across **190+ merged PRs**.

NinjaTech, *Front-End Developer Intern* Nov 2023 – Jul 2025

- Built a **document-handling UI** for notary workflows in Next.js and MUI, owning logic, design and build.
- Built an **ad-saving platform with a Chrome extension**: real-time previews, drag-and-drop and one-click save (React, Redux Toolkit), with Mapbox geotagging and Dropbox uploads.
- Fixed **45+ production bugs** in one week and **30+ UI/UX issues** across the product.

Technical Skills

AI/LLM: Gemini (Vertex AI), function calling, structured outputs, LLM document extraction, prompt management
Backend: Python, FastAPI, SQLAlchemy, Alembic, PostgreSQL, SQL Server, REST APIs
Frontend: TypeScript, JavaScript, React, Next.js, Tailwind CSS, Redux Toolkit, MUI
Enterprise Integration: SAP (PI/PO, BAPI), GST e-invoicing, Microsoft Graph, Azure Blob Storage
Infra & Testing: Docker, Kubernetes (AKS), Azure DevOps, GitHub Actions, Git, pytest, Jest, Playwright

Education

Lok Jagruti Institute of Engineering and Technology Jun 2025
Bachelor of Engineering in Computer Science *GPA: 8.3/10*

PORTFOLIO