INAN JAGGI

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SUMMARY

AI engineer combining hands-on development with experience in manufacturing, logistics, and business automation. Developed an automation strategy projecting $528K in annual savings and builds AI agents that turn complex operational requirements into practical, tested workflows.

EDUCATION

Indiana University, Kelley School of Business – Bloomington, IN — May 2026
Master of Science in Information Systems; Concentration: Data Analytics and AI — GPA: 3.84/ 4.00

- Teaching Assistant: Managed exam proctoring and attendance reporting for 100+ students in the Marketing Department

Bachelor of Science in Business — December 2024
Majors: Supply Chain Management; Information Systems — GPA: 3.69/ 4.00

- McKinsey Forward Program: Completed a 10-week program in structured problem-solving and collaboration
- Teaching Assistant: Coached 50 students in MS Excel and Access by simplifying technical concepts

EXPERIENCE

PKC Group – San Antonio, TX — March 2025 – May 2025
Business Intelligence and Automation Productivity Intern

- Presented automation strategy to C-suite and senior executives, communicating $528,000 in projected annual savings and an implementation roadmap with a 6-month payback period, enabling executive alignment on digital transformation
- Scoped 15 manual processes across the US and Mexico by mapping workflows, coordinating interviews, and analyzing systems to identify inefficiencies, and developed an automation strategy projecting 1,000+ hours/week savings
- Spearheaded predictive modeling in Python and Power BI on 4-10 years of data, enabling 93% defect-free production and a 90% service level without added rework costs; trained analysts/managers
- Collaborated with engineers and vendors on prototype requirements and SQL Server/API integration plans

Mitsubishi Heavy Industries Ltd. – New Delhi, India — June 2024 – August 2024
Global Logistics Intern

- Managed $1.1M in Thailand-to-India shipments, coordinating customs clearance, brokers, and compliance
- Negotiated with international freight forwarders and domestic trucking companies, communicating effectively to secure lowest rates and timely deliveries, resulting in maintaining a 14% profit margin and a lead time of 30 days

TMC Transportation – Brownsburg, IN — May 2023 – August 2023
Logistics Intern

- Generated $350 margin per load through pricing analysis and asset optimization by conducting 80+ daily research calls
- Qualified 150+ prospects in Salesforce to support sales strategy for 10 representatives; optimized routing for 50+ drivers

SELECTED PROJECTS

Durable Purchase Approval Agent (Python, LangGraph, Temporal, Docker) — October 2026

- Designed and built an AI purchase-approval agent using Python, LangGraph, and Temporal, enabling natural-language requests, supplier/budget checks, human approvals, and purchase-order creation in a simulated ERP
- Added retry and recovery controls, preventing duplicate orders after two simulated crashes; passed 26 tests

AI Workforce Strategy & Transformation (Accenture-Sponsored Capstone Project) — January 2026 – May 2026

- Led a 4-person team to develop a framework for Accenture, refining approach through consultant and SME feedback
- Designed a 4-layer framework aligning AI with workforce strategy by assessing readiness, defining tasks, redeploying capacity, and ensuring sustained impact through governance, targeting 75-85% active redeployment of freed capacity

Campus Resource Hub (AI-Driven Development, Python/Flask, Gemini API) — November 2025

- Guided a team of 4 to design and build a full-stack campus resource booking platform using Python (Flask, SQLite, MVC), enabling role-based search, reservations, approvals, and administrative management of shared campus assets
- Developed an AI-powered Resource Concierge using Google's Gemini API and RAG to answer natural-language queries and highlight relevant UI elements, guiding users through task completion

Vehicle Market Analysis Project (Python) — December 2024

- Led a team of 4 to analyze 426K+ vehicle records using Python, identifying pricing drivers and market segments
- Built a linear regression model to predict selling prices and delivered insights to support buyer/seller decision-making

TECHNICAL

- *Programming Languages:* SQL, C#, HTML/CSS, R, Python (Flask, Jinja, Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, Plotly, Prophet, statsmodels)
- *Business Intelligence:* Power BI (DAX), Tableau, MS Excel/Access/Visio, ProModel, Stata, StatTools, Snowflake
- *Systems & Platforms:* SQL Server, SAP S/4HANA, Oracle, Plex, Salesforce, Power Apps/Automate, UIPath
- *Cloud & Infrastructure:* Azure (App Service, SQL Database, Synapse Analytics, Entra ID), API Integration