

ANJALI PATEL

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SUMMARY

Software Engineer with 2+ years of experience building backend services, AI-powered workflows, and cloud-native data applications across compliance, product intelligence, SaaS, and analytics domains. Experienced in developing APIs, relational data models, LLM pipelines, and AWS-based systems using Python, JavaScript, Node.js, React, and PostgreSQL.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, HTML/CSS

Backend & Frontend: Node.js, Express, FastAPI, Flask, ReactJS, REST APIs, Microservices

AI/Agentic Systems: LLMs, RAG, LangChain, AWS Bedrock, Prompt Engineering, Tool-Integrated Workflows, Vector Databases

Cloud & Data: AWS Lambda, S3, DynamoDB, EC2, Redshift, PostgreSQL, Snowflake, Databricks, PySpark

Tools: Docker, Git, GitHub Actions, Bitbucket, SonarQube, Jira

PROFESSIONAL EXPERIENCE

WorldLink US – Texas

Jun 2025 – Present

Software AI Engineer

- Collaborated with compliance SMEs, product leaders, and a **7-member engineering team** to build an AI-powered GRC solution for a financial-services client, automating policy-to-regulation mapping across **15+ frameworks** and reducing manual compliance analysis by approximately **80%**.
- Owned backend, PostgreSQL, RBAC, and document-versioning enhancements for compliance extraction and gap-analysis workflows, enabling **100% source traceability** and giving stakeholders repeatable evidence for audits and client demonstrations.
- Independently delivered an AWS-native Packaging Intelligence POC under a fixed client deadline, using Bedrock, Lambda, DynamoDB, and S3 to process **1000+ product records across 53 attributes** and convert unstructured packaging data into analytics-ready datasets.
- Translated ambiguous infrastructure-governance requirements into a Network Governance POC that identified end-of-support risks **12–18 months in advance**, N+1 version gaps, exceptions, and remediation triggers for financial-infrastructure stakeholders.

Treevah LLC – Remote

Aug 2024 – Jun 2025

Software Developer

- Built **10+ REST APIs** and PostgreSQL workflows for an AI-powered file-management platform, supporting core file upload, organization, retrieval, and application workflows.
- Expanded from backend development to React after a **1-week focused refresher**, independently shipping end-to-end features under tight startup delivery timelines.
- Integrated Azure AD B2C with Node.js authorization flows and Azure Blob Storage, enabling secure sign-in, user-specific file access, and protected upload, retrieval, and storage workflows for **1000+ users**.
- Leveraged Cursor and other AI coding tools for implementation, debugging, and testing, helping reduce estimated feature delivery timelines from **months to weeks** while personally reviewing code and validating business logic.

Motorola Solutions – Texas

May 2023 – Aug 2023

Data Analytics Intern

- Worked directly with the Global Offer Manager and Sales team to replace manual Excel reporting with scheduled PySpark and SQL pipelines across **121K+ transaction and subscription records**, reducing processing time by 30%.
- Cleaned, transformed, and joined customer, transaction, and license data to identify **churn signals and high-risk accounts**, converting fragmented operational data into decision-ready **insights for EMEA Sales Director**.
- Delivered a Looker Studio dashboard used by the EMEA Sales Director to analyze churn drivers and prioritize retention actions, contributing to a **12% reduction in customer churn**.

PROJECTS

GPT From Scratch | Python, PyTorch, Transformers, Tokenization

- Built a GPT-style language model from the ground up in PyTorch, implementing tokenization, positional embeddings, self-attention, multi-head attention, transformer blocks, normalization, and text generation.
- Developed the complete training and inference workflow, including batching, loss calculation, model optimization, and KV caching to improve autoregressive generation efficiency and deepen hands-on understanding of LLM architecture.

AI Risk Advisor | Python, FastAPI, ChromaDB, RAG, JavaScript

- Built a GRC-focused RAG application that ingests regulatory and policy documents, stores embeddings in ChromaDB, and retrieves relevant source context for user risk and compliance queries.
- Developed a FastAPI backend and lightweight JavaScript interface to generate structured, source-grounded risk guidance, helping users identify compliance gaps, affected controls, and recommended remediation actions.

EDUCATION

The University of Texas at Dallas – MS, Information Technology and Management

Aug 2022 – May 2024

Charotar University of Science and Technology – BTech, Computer Science & Engineering

Jul 2018 – May 2022

CERTIFICATIONS

- Databricks Certified Data Engineer Associate
- Snowflake SnowPro Core
- Snowflake SnowPro Advanced: Data Scientist