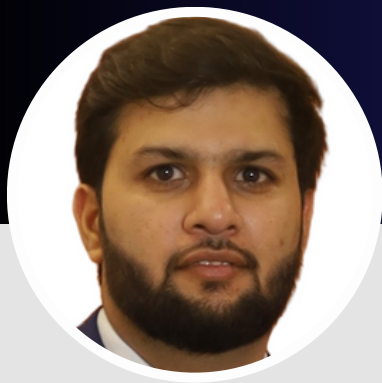


ANUJ DHIMAN

FULL STACK DEVELOPER (JAVA/REACT) & GEN-AI SPECIALIST



CONTACT

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SKILLS

- GenAI • LLMs • RAG
- Agents • Python • Llama
- Transformers • FineTuning
- LangChain • VectorDB
- NLP • Embeddings
- HTML • CSS
- JavaScript • ReactJS
- Node.js • JQuery
- Web Designing
- Website Management
- Java • Spring Boot
- Spring MVC
- MySQL
- MongoDB • SQL Server
- ASP.NET • WordPress
- MUI (Material-UI)
- Photoshop
- Kotlin • C++
- JIRA • KIBANA
- Swagger • PostMan
- Hibernate
- AWS
- eCommerce
- ERP
- CRM



PROFILE

Innovative AI & Fullstack Developer with 6+ years of experience bridging software engineering with Generative AI. Expert in Java, RAG using Llama, and Fine-tuning LLMs for ERP and CRM projects. Passionate about Neural Networks, Multi-Agent Systems, and delivering clean, agentic architectures that fuel business growth and delight users.



WORK EXPERIENCE

Axis Bank 2023-2025

Deputy IT Manager

- Role: FullStack-Developer & Business Analyst
- Worked as a Full Stack Developer using Java, Spring Boot, and ReactJS, while also contributing as a Business Analyst. Created multiple SOPs on Confluence, guided 10-12 new employees with Mac setup and development environment, and collaborated on several internal projects to enhance operational efficiency.
- Skills: Java, Spring Boot, MySQL, MongoDB, React, Swagger, Postman, node, Hiberna, Kafka, AWS, MicroServices

NIIT

SDE (SOFTWARE DEVELOPMENT ENGINEER) 2022 - 2023

- Skills: Java, Spring Boot, MySQL, MongoDB, ReactJS, Swagger, Postman, Spring MVC, Hibernate, CRUD Operations, Kafka, Microservices
- 121 Projects completed & Created a Replica of Axis Bank Portal, ERP, CRM

HIN Green E-waste Recycling Pvt Ltd 2020 - 2022

IT MANAGER & BUSINESS ANALYST

- Managed network operations, ERP, CRM and website maintenance on WordPress
- Developed billing software using .NET (ASP.NET frontend, SQL Server backend)
- Conducted online webinars
- Business Analyst: Bridged IT and business objectives through data analytics

ISAP Technologies Pvt Ltd, Meerut 2018 - 2020

SENIOR WEB DEVELOPER

- Monitored program operations and resolved coding errors
- Led a 4-member support team.
- Created ERPs, CRMs for Schools, Hospitals.
- Defined customer requirements and developed project plans
- Consulted on system improvements and loads
- Promoted to Senior Software Developer within 2 months



EDUCATION

B.C.A. Dewan Institute Of Management Studies, Meerut Percentage - 63%	2015 - 2018
12TH GRADE K.V. E.A.C Upper Shillong, Shillong Percentage - 74%	2010-2011
10TH GRADE K.V. E.A.C Upper Shillong, Shillong Percentage - 82%	2008-2009



PROJECTS

- OPD Management System: Created a digital way for OPD management.
- Medical ERP: Developed using ASP.NET MVC and SQL queries.
- College ERP: Worked on this project with .NET technologies.
- School ERP: Developed an ERP system using .NET with MVC.
- Library Management System: Created on .NET.
- Billing System: Frontend with ASP.NET and DB with SQL.
- Golden Avenue Mawana: Developed and maintained the property owner's website.
- LOK Pahal: Designed a political type website on WordPress.
- Gaming Team Website: Euro Esports India
- 120+ Projects delivered.



CERTIFICATIONS

- IBM | Advanced Certification in GenAI and Multi-Agent Systems – Coding Ninjas
- Full Stack Java Developer Training – NIIT (Axis Bank Training Program)
- Google Professional Certificates – Google
- Duke University – Specialization/Certificates
- Georgia Institute of Technology – Professional Certificates
- University of Michigan – Professional Certificates
- University of Minnesota – Professional Certificates
- SAP Certified Associate – SAP
- Agile Software Development, Cybersecurity & Web Technologies – Udemy & Swastik Institute

Project: EAPRO ERP - Titan OS (Neural Enterprise Architecture)

Titan OS is a high-performance, AI-integrated ERP ecosystem engineered for the energy automation sector. Built with ASP.NET Core MVC and C#, it centralizes industrial management into a "Neural Core" Command Center. The system features a premium Aurora Glassmorphism UI, ensuring extreme data readability and responsiveness for high-stakes environments.

Core Modules & Intelligent Functionality

- **Neural Command Center:** Implemented real-time "Production Flux" monitoring via Chart.js and an asynchronous Logistics Terminal for simulated plant-node synchronization and data handshake.
- **Operations & Logistics:** Engineered a unified management vertical for Warehouse Stock, Manufacturing Hubs, and EPC Project engines with relational database integrity.
- **Security Vault:** Developed a full-screen administrative intercept using SweetAlert2 and encrypted session-based routing to secure sensitive Service Desk and Biometric logs.
- **AI-Enhanced Directory:** Built a Smart Store Locator for 59+ nationwide nodes with JavaScript (ES6+) instant-filtering and geolocation capabilities.
- **Public Support Portal:** Designed a responsive, glass-style interface for automated warranty registration, installation requests, and AI-simulated customer support interactions.

Technical Engineering Stack

- **Full Stack:** ASP.NET Core MVC, C#, EF Core, LINQ, SQL Server, JavaScript (ES6+), CSS3 (Backdrop Filters), Bootstrap 5.
- **AI & Visualization:** Neural Handshake Simulation, Data Visualization (Chart.js), Asynchronous API Integration.
- **Security & Deployment:** SweetAlert2 API Intercepts, Session Routing, Secure Tunneling (ngrok).

QuickRx AI – Intelligent Pharmacy ERP & POS

Project Summary Designed and deployed a full-stack, AI-integrated Pharmacy Enterprise Resource Planning (ERP) platform. Built to eliminate manual prescription entry and prevent lost sales through Generative AI, transforming traditional retail operations into an intelligent, data-driven workflow.

Core Modules & Intelligent Functionality

- AI Prescription Parsing (OCR): Integrated Google Gemini AI to build a vision pipeline that scans uploaded medical prescriptions, extracts text, and automatically maps recognized medicines directly into the live POS cart.
- Smart Generic Substitution: Engineered an AI-driven fallback system. When a prescribed brand is out of stock, the AI dynamically cross-references active pharmacological ingredients to suggest the highest-matching, in-stock generic alternative.
- High-Speed POS & Billing: Developed a keyboard-navigable, glassmorphism-styled checkout interface supporting partial search, multi-payment tracking (Cash/UPI), and instant, print-ready tax invoice generation.
- Real-Time Analytics Dashboard: Architected a data-intensive backend using Spring JDBC Template with B-Tree indexed PostgreSQL queries, delivering real-time daily revenue tracking, critical stock warnings, and 30-day expiry alerts.

Technical Engineering Stack

- Frontend: React 18, TypeScript, Tailwind CSS, Vite
- Backend: Java 17, Spring Boot 3.x, REST APIs
- Database & AI: PostgreSQL, Google Gemini AI (LLM API)

Tathastu FitOS: AI-Powered Enterprise Gym ERP

Architected and developed a comprehensive Enterprise Resource Planning (ERP) platform designed to automate and scale fitness facility operations. Bridged business analysis with full-stack engineering to replace multiple fragmented SaaS tools with a unified, AI-driven command center, optimizing profit margins, reducing member churn, and delivering real-time operational telemetry.

Core Modules & Intelligent Functionality

- **Predictive AI & Generative Nutrition:** Integrated Google Gemini AI to auto-generate bespoke elite diet protocols based on real-time biometrics. Engineered predictive data models to forecast future muscle/fat trajectories using historical SQL data.
- **Automated Finance & Payroll Engine:** Designed a unified ledger tracking gross revenue against OpEx burn rates. Built an automated HR module to execute monthly staff payroll, calculating base salaries and dynamic PT commissions.
- **Smart CRM & Retention Terminal:** Developed an intelligent access control system that parses subscription expiry, identifies churn risk algorithms, and facilitates 1-click billing renewals at the front desk.
- **IoT-Style Asset & Inventory Logic:** Built real-time machine health monitoring to track equipment usage hours and proactively flag critical service thresholds. Created a smart stock engine that cross-references AI diet outputs for targeted supplement cross-selling.

Technical Engineering Stack

- **Frontend:** React.js, Tailwind CSS (Glassmorphism UI), Recharts (Data Visualization).
- **Backend & DB:** Python, FastAPI, SQLAlchemy (ORM), SQLite.
- **AI Integration:** Google Gemini Pro API (RAG Engine & Data Synthesis).

Artisane-ERP | Multi-Agent AI Full-Stack System

Engineered a next-generation Enterprise Resource Planning (ERP) ecosystem for Tathastu Gifts and Lovely Art Studio, transitioning traditional retail management into an Agentic AI Command Center. The system moves beyond standard CRUD operations by deploying autonomous AI "employees" that proactively manage sales lead conversion, production bottlenecks, and visual interior design consultations using Google Gemini Pro & Vision.

Core Modules & Intelligent Functionality

- **Multi-Agent Orchestration:** Architected a collaborative environment featuring specialized agents: Aria (Sales Agent) for drafting high-conversion WhatsApp follow-ups based on lead sentiment, and Leo (Operations Agent) for real-time pipeline analysis and bottleneck forecasting.
- **Multimodal "Room Stylist":** Integrated Gemini Vision to allow customers to upload room photos; the AI analyzes lighting, color palettes, and architectural "vibe" to recommend matching art pieces from the inventory.
- **Policy-Grounded RAG:** Developed a Retrieval-Augmented Generation (RAG) support pipeline that grounds the LLM in strict business rules (shipping, refunds, SLAs) to ensure 100% hallucination-free customer service.
- **Smart Logistics Engine:** Built an AI module that synthesizes raw technical courier logs (Delhivery/BlueDart) into human-friendly WhatsApp updates for real-time customer transparency.
- **Bento-Box Analytics:** Designed a premium, real-time dashboard featuring Tailwind-animated charts for revenue tracking, average order value (AOV) optimization, and Kanban-based fulfillment.

Technical Engineering Stack

- **Backend:** Java 17, Spring Boot 3.4, Spring AI, Hibernate, H2 Database.
- **Frontend:** React 18 (Vite), Tailwind CSS 3.4, Axios, Framer Motion animations.
- **AI Architecture:** Google Gemini 1.5 Pro & Flash, Multimodal Vision API, RAG Pipeline (Vector Search simulation).
- **Tools & DevOps:** RESTful API Design, Git, Environment Variable-based Secret Management, Gradle.

ScamGuard AI: Multi-Agent Enterprise Fraud Detection System

Designed and engineered a sophisticated, multi-agent Generative AI pipeline to dismantle text-based social engineering and phishing threats. Moving beyond static keyword filters, this system utilizes Large Language Models (LLMs) to reason through psychological manipulation, translate global threats, and verify malicious links via autonomous tool-calling. It features a deterministic JSON output engine for enterprise backend compatibility and a dynamic "Human-in-the-Loop" feedback loop for real-time model adaptation.

Core Modules & Intelligent Functionality

- 🌐 Multi-Lingual Translation Node: Implemented a dedicated Translation Agent that normalizes localized threats (Hindi, Spanish, Hinglish) into English before classification, preventing regional bypasses.
- 🔗 ReAct Tool-Calling Engine: Equipped the LLM with autonomous "Tool-Calling" capabilities; the system pauses generation to execute Python-based URL threat database queries upon link detection.
- 🧠 Structured Intelligence Engine: Utilized Pydantic to enforce strict JSON schemas, ensuring 100% hallucination-free, deterministic outputs ready for production API consumption.
- 🎯 Dynamic Risk Scoring: Engineered a multi-factor risk assessment module that calculates a threat severity score (1-10) based on extracted manipulative intent and psychological triggers.
- 🧐 Explainable AI (XAI): Integrated Chain-of-Thought (CoT) reasoning to expose the step-by-step logic used for every verdict, providing full transparency for security audits.
- 🔄 Dynamic Few-Shot Learning Loop: Built a "Human-in-the-Loop" (HITL) system where user-reported false positives are saved and dynamically injected into future prompt contexts, enabling zero-day threat adaptation.

Technical Engineering Stack

- AI Engine: Google Gemini 2.5 Flash via ReAct Tool-Calling and Chain-of-Thought prompting.
- Architecture: Python 3.12 & Pydantic for strict JSON enforcement and zero-hallucination outputs.
- Infrastructure: Streamlit for SaaS UI and Pandas for dynamic few-shot "Human-in-the-Loop" learning.

SpecSense AI - Generative AI- Powered Hybrid Recommender

Developed a production-ready, context-aware product recommendation engine that replaces traditional rigid filters with an intelligent natural language reasoning layer. By architecting a hybrid pipeline, the system bridges the gap between unstructured user intent and structured product catalogs, delivering explainable recommendations and automated gap detection when constraints are unmet.

Core Modules & Intelligent Functionality

- **Structured Intent Extraction:** Engineered a Pydantic-validated extraction layer using Gemini 2.5 Flash to parse messy, free-form user queries into strict JSON constraints.
- **Hybrid Matching Engine:** Architected a multi-stage pipeline using Pandas for deterministic hard-constraint filtering (budget/specs) and LLMs for probabilistic soft-preference scoring.
- **Automated Gap Detection & Fallback:** Implemented an "intelligent negotiator" logic that identifies 0-result scenarios and automatically suggests the closest alternatives with explicit price/performance trade-offs.
- **Granular Transparency Layer:** Developed a transparency framework that breaks down every recommendation into Hard Matches, Soft Matches, Trade-offs, and Unmet Needs to ensure user trust.
- **Real-World Data Enrichment:** Integrated real-time metadata including stock availability, promotional offers, and grounded review snippets for enhanced social proof.
- **Evaluation & HITL Tracking:** Built a Human-in-the-Loop (HITL) feedback module to log user satisfaction and match quality to .jsonl files for continuous prompt tuning and model evaluation.

Technical Engineering Stack

- **Languages & UI:** Python 3.12+, Streamlit (Premium Interface).
- **AI & Orchestration:** Gemini 2.5 Flash, Pydantic (Schema Validation).
- **Data & Logic:** Pandas (Hybrid Filtering), JSON/JSONL.
- **Tools & DevOps:** Git, Python-dotenv, Virtual Environments.