

# Anil G

Enthusiastic Senior Machine Learning Engineer with 4+ years of experience delivering AI products at scale

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## Professional Experience

### AI Consulting, Hyderabad – Senior DataScientist

May 2025 - Present

#### 1. Personalized Product Ranking System (NBA E-commerce)

- Designed and deployed a scalable ranking model to personalize product story recommendations by leveraging clickstream data, purchase history, demographic information, and diverse engagement signals.
- Developed and optimized end-to-end data pipelines for processing, feature engineering, and inference, implementing caching and parallelization strategies to serve millions of daily requests with low latency.
- Collaborated on full pipeline development in GCP, utilizing BigQuery for advanced feature engineering and Vertex AI Pipelines for automated model training, deployment, and monitoring.
- Led the serving pipeline initiative as an ML Scientist, driving iterative improvements, rapid experimentation, and rigorous A/B testing to ensure continuous system optimization.
- Achieved a 5% increase in user engagement and a 3% uplift in per-user revenue, delivering \$100M in incremental annual revenue.

**Areas worked in:** MLOps, Machine learning, NLP, LLM, Cloud deployments in GCP & AWS

### Milieu Global, Hyderabad — Machine Learning Engineer

Apr 2022 - May-2025

#### Key Projects & Achievements:

#### 1. Contract Document Verification (Infinito)

- Designed, developed, and deployed an integrated NLP + Computer Vision system to automate contract document validation and streamline workflows.
- Implemented advanced NLP-driven data extraction, boosting verification accuracy by **40%** and cutting manual processing by **30%**

## EDUCATION

**Kakatiya, University — BSE**  
GPA: 7.1

## SKILLS

MachineLearning with MLOps

**ML:** DL, NLP, CV, LLM, GenAi

**MLOps:** MLFlow, KubeFlow, Airflow

Docker, Kubernetes, Github, Seldon, Model Monitoring

**Cloud Plats:** AWS, GCP, Azure

**AWS Services:** Sagemaker, EKS, ECS, Lambda, EC2, Cloudwatch, EFS, S3, ECR, ELK Stack

**GCP:** BigQuery, VertexAI, CloudBuild

**Languages:** Python, Javascript, Typescript, PySpark, Scala

**Databases:** Postgresql, MySQL, MongoDB, Milvus Vector DB, Cassandra

**Frameworks:** Django, Flask, MERN Stack, ELK Stack

**Search Engines:** Solr, ElasticSearch, Opensearch

## Certification & Participations

Data Science Specialization from Coursera

Professional Training in **MEAN stack** from Infosys & in **Product Development** from Apple

**hours per week**, accelerating team decision-making.

## 2. Price Block Ranking:

- Built an NLP-powered ranking system to deliver personalized promotional offers, driving targeted upselling opportunities and improving customer engagement.

## 3. Contract Chatbot Assistant

- Deployed a chatbot leveraging a **RAG (Retrieval-Augmented Generation)** architecture to improve context-awareness and deliver accurate responses to contractual queries using client-provided documents.

**Areas worked in:** MLOps, Machine learning, NLP, LLM, Computer Vision, GenAi, DevOps - CI/CD pipeline, Cloud deployments in GCP & AWS, ElasticSearch, Solr

## DTaiLabs, Hyderabad — Data Scientist

July 2021 - Mar 2022

### Projects Info:

- **Objectra:** Developed a real-time vehicle detection and tracking system capable of classifying and tallying vehicle types with high accuracy.
- Implemented a hybrid face recognition and spoof detection model by combining classical computer vision with deep learning techniques, ensuring reliable identity verification.
- Designed and deployed a dual-factor authentication system integrating both face and voice verification, significantly enhancing security protocols.

**Areas worked in:** MLOps, Machine Learning, DL, NLP, RestAPIs, MEAN Stack

### Professional Summary:

Enthusiastic Senior Machine Learning Engineer with proven expertise in designing, building, and deploying large-scale AI solutions. Specialized in recommendation systems, NLP/LLMs, computer vision, and MLOps, with a strong track record of translating complex models into measurable business impact—driving revenue growth, boosting user engagement, and streamlining operations. Experienced in cloud-native deployments across AWS, GCP, and Azure, with a passion for applying AI to solve challenging problems and fuel innovation in retail, e-commerce, and beyond.

Intel Edge AI Scholar

Azure Ninja Cat Badge@WeekOfAi from Microsoft

Part of ChallengeACI, SchoolOfAi, T3-Challenge hackathons