



CONTACT

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TECH SKILLS

- Python
- SQL
- Large Language Models (LLM)
- Machine Learning
- Generative AI
- AWS
- Pandas, Numpy
- Google Cloud Platform (GCP)
- Airflow / DBT
- NumPy, Pandas
- Tensorflow
- PyTorch
- Natural Language Processing (NLP)
- ML Ops / Deployment
- Tableau
- Power BI
- Looker / Looker Studio
- Data Modeling
- Big Data Analytics
- ETL / ELT
- Apache Hive / Teradata
- Git
- Data Structures & Algorithms
- Image Recognition
- Superset
- Docker

LANGUAGES

- English (Fluent)
- Tamil (Fluent)
- Japanese (Basic)

VIGNESH R

DATA SCIENCE - GEN AI, LLM, ML
DATA ANALYTICS

6.9 YEARS EXPERIENCE



PROFILE

Versatile Data Wizard with rich tech experience, fuelled by deep passion for Data Technologies. Exploring opportunities in realms of **Data Science, Gen AI & Data Analytics**.



PROFESSIONAL EXPERIENCE

Nextiva SEP 2025 - PRESENT
AI Software Engineer

» Working as Conversational AI Engineer building bots for calls & texts

Infra.Market JUN 2023 - AUG 2025
Senior Data Scientist - 2.3 years

» **Data Science :**

- Built E2E Analytics App with **Gen AI** capabilities such as Conversational AI, Automated Insights generation from uploaded Excel data using LLMs
- **RAG** and **LangChain** based Application - For internal knowledge

» **Data Analytics :**

- Crafted end-to-end Looker Studio dashboards, to distill complex datasets into actionable insights, helping make decision faster

» **Data Modelling :**

- Architected & worked on Data modelling - Star and Snowflake schema (Developed Facts & Dimensions cube)

LinkedIn MAR 2022 - JUN 2023
Data Insights & Analytics Engineer - 1.4 years

» **NLP based Sentiment Analytics :** Brand Analytics & Influencer Analytics using Natural Language Processing (NLP)

» **Cheque validation using YOLO:** Used imaging models to verify the validity and correctness of the Cheque uploaded by Ad agencies

» **Driving Scale for Platform Insights & Analytics :** Intelligent Automation of Manual Analytics (Saved 500 hours of Human Efforts)

» **Tableau Dashboard Analytics :** Built end-to-end Tableau Dashboards for visualising various business verticals insights

Citigroup MAR 2021 - MAR 2022
Specialist - Data Analytics - 1 year

» **Digital Analytics :** Managed Paperless enrollments for Marketing Campaigns of existing customers, for Retail banking & Credit Card customers over and above managing BAU deliverables

» **Credit Cards - Loyalty assessment :** Identified spending behavior of customers to qualify them for to earn & burn campaigns

» **Routine analytics & impact assessment :** Executed BAU deliverables to identify any outlier/pitfall in existing campaigns

» **Platform Migration - SAS codes into PySpark platform :** Converted old static codes from SAS to PySpark-Enterprise Analytics Platform, offering greater flexibility, automating most manual efforts

Verizon APR 2019 - MAR 2021
Data Scientist / Analyst - 2 years

Machine Learning - Post order Accessory Model : Predicted the propensity of the customer to purchase accessory after placing an order (Increased 7.2% secondary sales)

» **Feed-card / Live Tiles - Optimization + Analysis :** Analytics on Personalization & Prioritization of the cards (+ 3% conversion rate)

» **Sales Retrospective Analytics :** Measured the effectiveness of every campaign that is being done by Sales and Marketing team & provided effective recommendations



EDUCATION

B.E - Computer Science Engineering 2015 - 2019
Sri Shakthi Institute of Engineering & Technology
GPA: 7.3