

# ANURAG ANAND

## Data Scientist

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### SUMMARY

Results-driven Data Scientist with demonstrated success in implementing and deploying **Generative AI** and **data solutions** for enterprise applications. Proven track record in delivering production-ready systems that drive operational efficiency and data-informed decision-making. Strong foundation in analytical thinking and end-to-end solution development.

### EXPERIENCE

#### Associate Data Scientist

**Blenheim Chalcot** (UK's Leading Digital Venture Builder)

06/2024 - 01/2025

- Boosted onboarding efficiency by **13%** and improved ticket resolution by **21%** by deploying **AI-driven tools** for customer onboarding and support, directly benefiting fintech and edtech ventures.
- Successfully implemented and deployed **3+ AI-powered automation solutions** for document validation and customer workflow optimization, driving a measured improvement of **12%** in client operations and user engagement.
- Collaborated with Technical Architect and CXOs to develop and deploy **4 multi-Agent & RAG based solutions** at enterprise scale, streamlining core business processes in screening, verification, and content generation.
- Demonstrated proficiency in implementing production-ready solutions using **open-source LLMs, Anthropic, Gemini, and OpenAI APIs** for various business applications.

#### System Design Intern

**Continental Device India** (Semiconductor Components Manufacturer)

07/2023 - 12/2023

- Implemented **data analytics solution** that reduced component failure rate from **15%** to **<11%** through collaboration with engineering and QA teams and deployment of real-time monitoring dashboard.
- Developed and deployed **data-driven test automation systems**, adhering to **AECQ standards**, resulting in **17%** improvement in testing efficiency.

### EDUCATION

#### B.E. (Hons.) Electrical and Electronics Engineering

**BITS Pilani**

08/2020 - 05/2024 | Pilani, India

- Completed comprehensive curriculum in **Electrical and Electronics Engineering (EEE)**, with specialized focus on **Data Science**, Humanities, and **Computer Science**.
- Led technical initiatives as active member of TEDx Club, managing event execution and speaker coordination.
- Contributed to professional development programs through Placement & Training Unit, facilitating technical training workshops.

### SKILLS

**Technical:** Python Development, C++, SQL, Machine Learning, Artificial Intelligence, Data Structures & Algorithms

**Frameworks:** FastAPI, Streamlit, Chainlit, Jupyter

**Tools:** Microsoft Excel, Data Preprocessing Tools, Power BI

**Other:** PostgreSQL Database Design, Prompt Engineering, Statistical Analysis

### PROJECTS

#### Campaign Crafter

- Architected and deployed an end-to-end automated system using **multi-agent AI** for social media campaign generation.
- Implemented production-ready integration of company goals, values, and audience targeting for automated content creation.
- Built and deployed scalable solution using **Python, AutoGen framework**, and **OpenAI's GPT-4/DALL-E 3**.
- Implemented **prompt engineering** techniques for enhanced AI responses.

#### Chat Analyzer

- Deployed automated evaluation system for production chatbot monitoring using **UpTrain LLMops framework** and **OpenAI**.
- Implemented comprehensive analytics including sentiment scoring, resolution tracking, and compliance monitoring.
- Deployed secure system features including urgency detection and robust security protocols.
- Designed and optimized **PostgreSQL** database schema for efficient chat data storage and **statistical analysis** on performance metrics.

### OTHER INTERESTS

- Competitive athlete: Led school cricket team to **3rd** place in **56-school** tournament.
- Avid reader: Recently completed "Nexus" by Yuval Noah Harari and "Transformed" by Marty Cagan.