

ANUSHA SARASWAT

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SUMMARY

Computer Science undergraduate specializing in Artificial Intelligence and Data Analytics, with hands-on experience in machine learning, data warehousing, and business intelligence. Skilled in building scalable, data-driven solutions using Python, SQL, and modern ML frameworks, with strong problem-solving and real-world project exposure.

SKILLS

- **Programming:** Python, Java, SQL, JavaScript
- **AI / Machine Learning:** Regression, Classification, Clustering, Neural Networks, CNNs, GANs, Natural Language Processing (NLP), Retrieval-Augmented Generation (RAG)
- **Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, NLTK, LangChain, Hugging Face Transformers
- **Databases & Analytics Tools:** MySQL, Power BI, Tableau, Excel
- **Technical Tools & Platforms:** Git & GitHub, Jupyter Notebook, Google Colab, VS Code, Vercel

PROJECTS

NEURA-3D — AI-Based 3D Product Design Assistant

- Designed and implemented deep learning pipelines to generate 3D models from text and image inputs, strengthening understanding of neural networks, representation learning, and inference workflows.
- Built an interactive UI with real-time previews and optimized backend processing, gaining experience in end-to-end AI system integration and performance optimization.
- Improved usability and accessibility of 3D design workflows, demonstrating the practical application of AI in product design automation.

FLUXOR — AI-Powered File Management System

- Developed a content-aware system to automate file renaming, translation, and categorization, enhancing skills in data preprocessing, feature extraction, and scalable system design.
- Integrated a multilingual AI assistant for intelligent file search and navigation, applying NLP techniques to real-world productivity tools.
- Delivered a structured and efficient file organization solution, reducing manual effort and improving information retrieval efficiency.

FLUENTNOW — AI-Powered Multilingual Learning Assistant

- Built a real-time speech and translation platform for multilingual communication, gaining hands-on experience with NLP pipelines and real-time processing systems.
- Implemented accent customization and document-based translation, focusing on personalized and user-centric AI-driven learning experiences.
- Enabled accessible language learning across multiple languages, showcasing the impact of AI in education and cross-language communication.

EDUCATION

Bachelor of Technology in Computer Science

2023 - 2027

Specialization: Artificial Intelligence & Data Analytics

GLA University, Mathura

WORK EXPERIENCE

Data Warehousing Intern , IntMavens Pvt. Ltd

May 2025 - July 2025

- Designed and optimized relational database schemas to support scalable data warehousing, strengthening understanding of data modeling, normalization, and query optimization.
- Developed interactive Power BI dashboards to visualize key business metrics, enabling stakeholders to gain actionable insights and support data-driven decision-making.
- Performed data cleaning, transformation, and integration (ETL) to ensure high-quality, analysis-ready datasets, improving the accuracy and reliability of business reports.