

Anuj Nair

ML Engineer|Data Analyst|Python Developer

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I am a M.Sc. Data Science graduate with **4 years** of experience in **Machine Learning, LLMs, Analytics, Automation, & Backend Development**. Proficient in **Python, SQL, Docker, CI/CD, Linux** and **AWS**. Passionate about writing efficient code and solving complex problems. I actively explore emerging tools and techniques through personal projects and continuous learning, staying ahead in a fast-evolving field.

EXPERIENCE

- **StikkmanUX**|Banglore, India **June 2025 – July 2025**
AI Consultant (Remote)
 - Build **OpenAI** Integration for a Brand Guideline Assistant
 - Created APIs for color scheme and type face suggestion, brand collateral image generation and logo augmentation
 - Deployed and managed low code Lead Generation Automation Workflow using N8N and OpenAI
 - Build Automation workflow using N8N and Ollama for Internal Usage
- **Infineon Technologies**|Munich, Germany **Jun 2023 – May 2025**
Working Student: Automation and Data Analysis
 - Built automation scripts to perform tasks in **Jama** and Product Life cycle Management (**PLM**)
 - Built and managed **python packages** for the automation scripts
 - **Presented** and supported the automation tools to the **stakeholders** and users.
 - Worked on **Data Analysis** and **Data Visualization** tasks.
 - Built **GitLab CI/CD** pipeline to generate documentation from code using **Doxygen**.
 - Worked on PLM to Prisma automation with **Ditamap XML** in **Jenkins**.
 - Collaborated with **cross-functional teams** and supported project sprints using tools such as **Jira** and **Confluence**.
- **Keemut**|Delaware, United States **Apr 2021 – Apr 2023**
Machine Learning Engineer (Remote)
 - **Automated** and **streamlined** the machine learning pipeline from data crawling to building models
 - **Optimized** the pipeline reducing the time taken for model generation by **50%**
 - Built **Machine Learning** regression models for vehicle price prediction on monthly basis
 - Maintained and managed **AWS** servers for python back-end and machine learning
 - Built **Web Crawlers** for collecting vehicle data
 - Created **Bash** and **Python** scripts for **Data Preprocessing**
 - Created **cronjobs** to aggregate data for **Data Analytic Dashboards**

EDUCATION

- **M.Sc. in Data Science** **Oct 2022 - May 2025**
Friedrich-Alexander-Universität Erlangen-Nürnberg|Bavaria,Germany
GPA: 2.5/5.0
 - Major: Artificial Intelligence and Machine Learning





- **B.E. in Computer Science and Engineering**
Gujarat Technological University|Gujarat, India
GPA: 1.46/5.0

Jun 2018 - May 2022

SKILLS

- **Languages**
Python, SQL, \LaTeX , Bash, Java, JavaScript
- **Libraries/Frameworks**
PyTorch, Tensorflow, PySpark, HuggingFace, LangChain, Pandas, OpenCV
- **Software and Tools**
AWS, Slurm, Linux, Docker, GitLab CI/CD, Jenkins, Tableau

PROJECTS

- **LLM RAG**  Github
Built a Retrieval Augmented Generation (RAG) pipeline using LangChain and HuggingFace. The pipeline uses a vector database to store the documents and retrieve the relevant documents for the query. The pipeline uses LLMs to generate the answer based on the retrieved documents.
- **Amur Tiger Re-Identification**  Github
Built a Re-Identification model for Amur Tiger in PyTorch using ResNet and Transfer Learning.
- **Project MNIST**  Demo  Github
Built an end-to-end web application using Flask and TensorFlow to classify handwritten digits. The application uses a CNN model to classify the digits. The application is hosted on PythonAnywhere.

COURSE WORK

- **Advance Your Skills in Deep Learning and Neural Networks** LinkedIn Learn 2021
- **Master Cloud-Native Infrastructure with Kubernetes** LinkedIn Learn 2021
- **Learning SnowflakeDB** LinkedIn Learn 2025
- **Tableau 2024.1: Essential Training** LinkedIn Learn 2025
- **Apache Spark Essential Training: Big Data Engineering** LinkedIn Learn 2025