

Anuj Bisht

Machine Learning Engineer

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KEY COMPETENCIES

Machine Learning Algorithms
Deep Learning
Generative AI & GANs

Natural Language Processing (NLP)
Transformers & LLMs
Data Analysis and Visualization

Problem-Solving & Innovation
AI Powered Proof-of-Concepts
Collaboration & Cross-Functional
Teamwork

PROFESSIONAL EXPERIENCE

TestingXperts

June 2024 - Present

Software Development Trainee

- Gained hands-on experience with key data manipulation and visualization libraries like NumPy, Pandas, Matplotlib, and Seaborn, enabling efficient analysis of large datasets and deriving actionable insights.
- Built foundational expertise in Machine Learning and Deep Learning algorithms, successfully executing projects involving predictive modeling and problem-solving in diverse real-world scenarios.
- Explored the creative potential of Generative Adversarial Networks (GANs), applying innovative use cases in content generation and creative AI, with a focus on developing new methods for AI-driven creative solutions.
- Expanded practical knowledge of Transformers and Large Language Models (LLMs), with experience fine-tuning models for text generation, sentiment analysis, and other NLP tasks.
- Contributed to the development of AI-powered proof-of-concepts (POCs), collaborating with cross-functional teams to bring cutting-edge technologies to life and deliver impactful results for the organization.

PROJECTS

AI QUIZ

It is a Gradio-based quiz interface powered by a large language model. It presents multiple-choice, true/false, and subjective questions to the user, collects their responses, and then provides the results once the quiz is completed.

Code Snippet Explainer

Fine tuned T5 model, with the reliable data, so that it would be able to generate the explanation of the code snippet provided to it.

Investment Advisor Chatbot

It is an innovative application, powered by a large language model, designed to provide users with personalized investment advice

EDUCATION

Dr. APJ Abdul Kalam Technical University (2020 - 2024)

Bachelor of Technology, Computer Science and Engineering

Percentage: 80.90%

Central Board of Secondary Education (2008 - 2020)

Primary - Senior Secondary

EXTRACURRICULAR ACTIVITIES

Vice President, Essence of Life

Inderprastha Engineering College

TECHNICAL SKILLS

Programming Languages: Python

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, PyTorch, Keras, FastAPI, Flask, Gradio, Streamlit

Tools: Jupyter, Git

Technologies: Machine Learning, Deep Learning, NLP, Transformers, GANs, Large Language Models

Database Management: MongoDB, MySQL

LANGUAGES

English, Hindi, Punjabi