

Rajesh Challa

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EDUCATION

SEP 2014- MAY 2018	Maharaj Vijayaram Gajapati Raj College of Engineering, B.Tech in I.T	Visakhapatnam, India
APR 2009- MAR 2011	Board Of Intermediate Education Andhra Pradesh, Intermediate	Visakhapatnam, India

PROFESSIONAL EXPERIENCE

APR 2022-2024	UX/UI Designer (freelance), <i>NEARverselabs</i>	Visakhapatnam, India
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SKILLS

Python | Flask | PyTorch | Machine Learning | Deep Learning | Natural Learning Language (NLP) | Large Language Models (LLM) | Langchain | Retrieval-Augmented Generation (RAG) | Figma | Adobe Xd | Zeplin | Adobe Illustrator | Adobe Photoshop | HTML | CSS | Webflow

INTERESTS

Reinforcement Learning | Computer Vision | Cross-platform human interface designs | Design Systems

PROJECTS

Youtube Learning Assistant- RAG Based LLM Project

- Get detailed answers and information of any YouTube video, leveraging its transcript.
- Built with Python, Flask, and an LLM, the system uses Retrieval-Augmented Generation (RAG) and Langchain for highly accurate and contextually relevant responses.
- Tools Used: Python, Flask, Pytorch, Machine Learning, Deep Learning, NLP, LLMs, Langchain, RAG

AutoBlog AI- An AI Assistant To Generate Blog From Document

- Quickly transform any document into well-structured blog post, saving significant time and effort.
- Leverages advanced Artificial Intelligence techniques to intelligently extract the most relevant information and craft engaging summaries.
- Tools Used: Python, Flask, Pytorch, Machine Learning, Deep Learning, NLP, LLMs, Langchain, RAG

Text Sentiment Analysis With LSTM And Custom Embeddings

- This project leverages Long Short-Term Memory (LSTM) networks, a powerful type of Recurrent Neural Network (RNN) in TensorFlow, to perform sentiment analysis on text data.
- High Accuracy and Contextual Understanding
- The sentiment analysis model developed can be directly applied to real-world scenarios, such as analyzing customer reviews or monitoring social media trends.
- **Tools Used:** Python, TensorFlow, Deep Learning

DESIGN WORKS

Vulcan Collaborative tool

- Integrating NEAR protocol into the whitelist management tool.
- Users can interact with the favorite projects and win whitelists.
- **Tools Used:** Figma, Illustrator, Photoshop

Unison Collaboration Tool

- A Platform for users to discover and request collaborations with their favorite projects.
- Users can participate and get rewarded from their favorite projects.
- **Tools Used:** Figma, Illustrator

RocketBois NFT

- RocketBois is a NFT collection by Nearverse Labs on NEAR platform.
- **Tools Used:** Figma, Photoshop, Illustrator, HTML, CSS