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Education

. Bachelor of Technology in Information Technology

Jodhpur Institute of Engineering & Technology(JIET), India

2023-27

CGPA: 7.79

PERSONAL PROJECTS

. Cat & Dog Classification in Python

A Neural networks CNNs uses convolutional layers to automatically and efficiently extract features such as edges, textures and patterns from images

Github Link : [SkillQuest](#)

- Numerical operations with arrays and matrices. Pandas for data manipulation and analysis . Matplotlib for visualizing data and results. Scikit-learn for machine learning tools and model and image processing and computer vision tasks and one more building and training machine learning models.
- Technology Used:NumPy,Pandas,Matplotlib,TensorFlow(Sequential,MaxPooling2D,Flatten,Dense), GitHub Actions.

. Portfolio Website

A modern, responsive AI portfolio website built with Next.js 15, TypeScript, and Tailwind CSS. This portfolio showcases AI and machine learning projects with a clean, professional design.

Github Link : [portfolio website built with Next.js](#)

- Features : Modern, clean design with dark/light mode toggle,Fully responsive across all devices ⚡ Built with Next.js 15 and App Router. Smooth animations and transitions
- Sections : Header,Hero,About,Projects,Skills,Contact,Footer
- Technology Used: Framework: Next.js 15 ,Language: TypeScript , Styling: Tailwind CSS , UI Components: shadcn/uiIcons: Lucide React , Theme: next-themes for dark/light mode , Animations: CSS animations and transitions, GitHub Actions.

. Detecting-Spam-Emails

Spam messages are unsolicited or unwanted emails/messages sent in bulk to users. Detecting spam emails automatically helps prevent unnecessary clutter in users' inboxes. In this article, we will build a spam email detection model that classifies emails as Spam or Ham (Not Spam) using TensorFlow, one of the most popular deep learning libraries.

Github Link : [Project](#)

- Libraries: pandas, numpy, tensorflow, matplotlib, wordcloud, nltk for data processing, model building, and visualization.
- Clean the Text : Stopwords Removal Punctuations Removal Stemming or Lemmatization

. Simple Chatbot Text and Voice Input

DigiMitra is a bilingual (English/Hindi) chatbot designed to empower parents and elders with digital literacy skills. It provides guidance on using browsers, email, UPI payments, WhatsApp, Wi-Fi troubleshooting, and online safety, with a culturally resonant interface.

Open direct chrome: [chatbot](#)

Github Link : [Chatbot](#)

Uses Streamlit for a modern web experience and Langchain's ConversationChain for maintaining context during chats..

- Interactive chatbot with text and voice input. Supports English and Hindi responses.
- Quick buttons for common queries (Digital Basics, Tutorials, Get Help, Safety Tips).
- Responsive web interface with Tailwind CSS and React.Backend powered by Flask and NLTK for rule-based chatbot logic.

SKILLS and INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS, Java

Libraries : Python Libraries, Javascript Libraries

Web Dev Tools: Nodejs, VScode, Git, Github

Cloud/Databases: SQL

Areas of Interest: AI, Machine Learning & Blockchain

Soft Skills: Problem Solving, Self-learning, Presentation, Communication

Certifications / Online Courses

- **Nptel** AWS Certified Developer
- **Nptel** Soft Skill Development
- **Nptel** Problem Solving in C++
- **DataCamp** Python Beginner & Intermediate
- **DataCamp** Statistics in Python
- Reckon (Hackathon) Certification
- Smart India Hackathon Certification - 2024
- Git & Github