NITESH SAINI

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Aspiring to start an internship to further develop technical and analytical skills in a professional environment.

EDUCATION

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY   Jais, Amethi, Uttar Pradesh
An Institution of National Importance, akin to the Indian Institutes of Technology (IITs)   *2022–2027*
  ○ **Integrated Dual Degree - CSE with AI** C.G.P.A: 8.34

SHIKHAR SHISHU SADAN   Dhampur, Uttar Pradesh
Intermediate; Score: 96.6%   *Aug. 2020 – June 2021*

PROJECTS

Monitoring Dark Patterns on E-Commerce Sites | (Google Extension)
Machine Learning | Data Analytics | Dark Pattern Detection
  ○ **Objective** Leveraged **Multinomial and Bernoulli Naive Bayes** algorithms to achieve a **90% detection accuracy** for dark patterns under challenging conditions, significantly enhancing classification processes.
  ○ **Impact** Implemented ML techniques to detect and prevent malicious activities on the Google Extension, reducing fraud by 8%. Collaborated with teams to optimize algorithms, achieving a 95% reduction in false positives and negatives.

Plant Disease Detection with Integrated Chatbot
Deep Learning | AI Chatbot | E-Commerce Integration
  ○ **Objective** Utilized **TensorFlow and Keras** to train CNN models for plant disease detection in real-time, achieving high accuracy and reducing misdiagnoses by 50%.
  ○ **Impact** Integrated **Google Text-to-Speech** with the AI chatbot to provide audio guidance, increasing user engagement by 30%. Developed a seamless connection with e-commerce APIs for automated medicine recommendations, boosting user satisfaction and retention rates.

E-marketing for Real Estate Web Application |
Full-Stack Development | User Authentication | Payment Processing
  ○ **Objective** Architected a **scalable MERN stack platform** for real estate transactions, integrating secure **user authentication**, payment gateways, and achieving robust error handling for property listings.

AIChE-RGIPT Student Chapter Web Application |
Cloud Deployment | Database Optimization | SEO Strategy
  ○ **Objective** Developed and deployed a **high-performance web application** for the AIChE-RGIPT Student Chapter, utilizing **AWS cloud services** and **SEO best practices** to enhance **user engagement** and search engine visibility.
  ○ **Impact** Implemented SEO strategies, resulting in a 25% increase in organic traffic and a 20% boost in click-through rates.

Terms and Conditions Summarizer | (Google Extension)
API Integration | Web Scraping | Legal Document Summarization
  ○ **Objective** Engineered a **high-efficiency web scraping** solution combined with premium APIs, resulting in an **80% reduction in analysis time** for summarizing complex legal documents.

EXPERIENCE

Apna College ☐
Web Developer | TA   *July 2024 - Present*
  ○ **Contributed** to the **seamless resolution** of over 10-14 MERN Stack coding doubts per day, ensuring **high accuracy** and **timely support** for students.
  ○ Maintained **consistent availability** during assigned time slots, demonstrating **exceptional discipline** and commitment to meeting daily targets.
  ○ Delivered **error-free**, **logically accurate** solutions, enhancing student satisfaction and contributing to a potential extension of the internship.

SKILLS

Programming Languages
C++, Python, JavaScript, HTML5, CSS, SQL, MATLAB

Theoretical Skills
Data Structures, OS, Algorithms, OOP, DBMS, Neural Network, Machine Learning

Libraries
NumPy, Pandas, Matplotlib,Scikit-learn, TensorFlow/Keras, OpenCV

Technical Stack
React, MongoDB, Node.js, Express, AWS

Developer Tools
Git/GitHub, Streamlit, WIX, VS Code, SEO

ACHIEVEMENTS

DPBH- IIT-BHU: Ranked in the top 5% among 1800 teams, securing a finalist spot ☐