KEVIL RANA

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Anand,Gujarat

OBJECTIVE

To leverage my passion for technology and strong foundation in information technology to develop innovative solutions, enhance my technical skills, and contribute to the success of forward-thinking organizations

SKILLS

Python	Excel	Frontend Development(Tailwind CSS,React
DBMS	Data Analysis tools(R,Google CO)	Linux
Streamlit	PowerBI	
Machine Learning Algorithm		
JAVA		

EXPERIENCE

Ultron Technology **May 2024-June 2024**
Python Intern

- Led DataExplorer project, collaborated on data analysis and visualization, prepared data for modeling, and transformed insights for decision-making.

outlierAI **Sep 2024-Present**
AI Resarcher

- Create interesting AI-based writing prompts and explore new ideas in artificial intelligence. Work on improving AI tools and making them better for creative content.

EDUCATION

G H Patel College of Engineering And Technology **Oct 2021-May2025**
Bachelor of Technology in Information Technology-8.23 CGPA

Indian Institute of Technology Madras **Jan 2023-Sept 2027**
Bachelor of Science in Data Science-6.5 CGPA

G H Patel College of Engineering And Technology **May 2022-May 2024**
Minor in Internet of Things-7 CGPA

Anandalaya Education Society **Mar 2020-Apr 2021**
Senior Secondary School(CBSE)-80.2%

Vatsalya International School **Mar 2018-Apr 2019**
Secondary School(CBSE)-88.4%

PROJECTS

- **Farm Insights:** This agriculture project leverages advanced technologies to improve farming practices. It uses machine learning for predictive fertilizer and crop forecasting, and deep learning to diagnose crop diseases from images. The platform features a multilingual chatbot for user assistance, a community sec&on for farmer engagement, and a comprehensive livestock management tool. Built with React, Tailwind, Node, MongoDB, Express, Python, Flask, and PyTorch, the platform is designed to be user-friendly and multilingual.
- **HealthInsights:** This platform helps users assess their risks for diabetes, heart disease, and Parkinson's disease using advanced machine learning models. It provides valuable health insights through an easy-to-navigate interface with dedicated home, about, and blog pages featuring expert curated content. Users can connect with healthcare professionals for personalized advice on diagnoses and lifestyle management
- **DataExplore:** A robust application built with Streamlit, DataExplore simplifies exploratory data analysis (EDA) and machine learning for all skill levels. It offers an intuitive interface with a fixed sidebar for easy navigation, allowing users to visualize data, encode features, and train machine learning models such as Logistic Regression, Naive Bayes, XGBoost, Decision Tree, and Random Forest. Users can upload CSV files, explore data through various plots, and save/loads trained models.

CERTIFICATIONS

- Core Java from LearnQuest
- Cryptography and Hashing Overview from UIC , Irvine
- Developing Responsive Web Pages Using HTML5 and CSS3 from NIIT
- Introduction to the IoT and Embedded systems from UIC, Irvine
- Machine Learning with python from IBM
- Introduction to SQL from University of Michigan
- Python Essential 1 from CISCO
- Python Essential 2 from CISCO

ACTIVITIES

- Participated in national-level athletics competitions, demonstrating discipline and dedication.
- Also a Games Captain at school during academic years 2016,2017 and 2018
- Technical IT and Hardware lead ,International Society of Automation(ISA) from Jan 2024-Present.
- Logistics subcore at ISA during 2023.

SELECTED PRESENTATIONS

- Enhancing Mesothelioma Cancer Diagnosis through Ensemble Learning Techniques 12/2023 • Presented at International Conference on Innovative Mechanisms for Industry Applications, Bengaluru, India

BIBLIOGRAPHY

- S. Degadwala, S. S. Dave, D. Vyas, N. A. Patel, V. I. Gohil and K. Rana, "Enhancing Mesothelioma Cancer Diagnosis through Ensemble Learning Techniques," 2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), Bengaluru, India, 2023, pp. 628-632, Doi: 10.1109/ICIMIA60377.2023.10425887.