KUNAL DESHMUKH

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TECHNICAL SKILLS

Fundamentals: Data Science, DSA, OOPs, Machine Learning, DBMS, OS, Computer Networks
Programming Language: C++, Python, HTML, CSS, JavaScript
Tools: PowerBI, Canvas, Figma, Excel, VS Code
Database: SQL,MySQL

ACADEMIC PROJECTS

Generative AI in Virtual Reality Realm Design   April 2024
AI / ML / Generative AI **(Received a patent and published a related research paper**)

- Engineered a Generative AI system achieving 95% accuracy in generating 3D elements from 2D images and textual input, significantly enhancing data processing capabilities.
- Deployed a Convolutional Neural Network (CNN) for 2D image recognition within a computer vision module, boosting accuracy by 30%.
- Leveraged Natural Language Processing (NLP) techniques for text recognition and optimized Generative Adversarial Network (GAN) models, reducing training time by 20% and enhancing performance by 25%.

Global Terrorism   March 2023
Data Transformation / Data Visualization

- Conceptualized and implemented a user-friendly data visualization project for global terrorism analysis using Power BI, achieving a 30% improvement in insights and decision-making effectiveness.
- Developed interactive dashboards and reports that reduced data interpretation time by 25%, facilitating quicker responses to terrorism trends.
- Consolidated data from three different sources to enhance the accuracy and reliability of visualized information by 20%.

Boston House Price Prediction   June 2023
AI / ML / Data Analysis

- Analyzed and synthesized data from the Boston Housing Dataset to identify key trends and patterns, enabling informed decision-making and strategic planning for real estate investments.
- Constructed a predictive model with an accuracy of 84%, effectively forecasting housing prices in Boston.
- Evaluated the model's coefficients and feature importances to determine the primary factors influencing housing prices, optimizing investment strategies.

PROFESSIONAL EXPERIENCE

Omegasoft Technologies (Pune), Trainee Engineer   February 2023

- Utilized HTML, CSS, JavaScript, and SQL for comprehensive frontend and backend development.
- Accomplished a 60% project success rate in web development projects.
- Optimized SQL databases and frontend interfaces, contributing to a 30% improvement in user engagement metrics.

Zensar Foundation Pune , Employability Skill Development   January 2023

- Mastered SQL concepts and database management by assisting in the design and implementation of 5 database schemas and 20 queries.
- Acquired a solid understanding of database administration principles through practical application and 30 hours of training.

EDUCATION

B.E.Artificial Intelligence and Data Science   June 2024
Pune University   8.22 CGPA
SNJB's KBJ College of Engineering,Chandvad,Nashik
Relevant coursework: Data Science, Machine Learning, Deep Learning,Data Analysis