DINESH N T

AI & DATA SCIENCE ENTHUSIAST

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ABOUT ME

I am an ambitious Artificial Intelligence and Data Science undergraduate with experience in innovative solutions. Skilled in building healthcare-focused AI systems, NLP models, and predictive analytics. Proficient in Python, Machine Learning, and Data Analytics. Committed to collaboration and continuous learning to advance technologies across industries.

EDUCATION

KATHIR COLLEGE OF ENGINEERING,COIMBATORE　　2021 - 2025
- Bachelor of Technology - Artificial Intelligence & Data Science
- CGPA-**7.46** (Upto 6th semester)

SRI GOPAL NAIDU HIGHER SECONDARY SCHOOL,COIMBATORE　　2020 - 2021
- HSC - **86.07% -** COMPUTER SCIENCE

PROJECTS

PERSONALIZED AI-MED ASSIST　　PRESENT
- **Role :** AI&ML Developer
- Developing a web-based AI system with an NLP bot and ML models for proactive health advice and chronic disease management.
- Integrated IoT devices for real-time monitoring and ensured HIPAA-compliant cloud storage for secure data.

  Tools & Technologies: Python, TensorFlow, Keras, NLP, IoT, HTML, CSS, JavaScript, AI.

GLAUCOMA DISEASE DETECTION　　OCT 2023-NO 2023
- **Role :** Deep Learning(DL) Developer , Data Analyst
- Built a CNN model for glaucoma detection using a preprocessed eye dataset.
- Achieved high accuracy with a six-layer architecture for feature extraction and classification.

  Tools & Technologies: Python, TensorFlow, Keras, OpenCV, Matplotlib.

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SENTIMENTAL ANALYSIS

- **Role :** Machine Learning(ML) Developer , Data Analyst
- Developed an NLP-based system to classify sentiments from social media reviews using preprocessing and machine learning techniques.
- Visualized results with word clouds and charts for better insight interpretation.

  Tools & Technologies: Python, NLTK, Scikit-learn, Matplotlib, WordCloud.

ENOCDER-DECODER ARCHITECTURE

OCT 2022-DEC 2022

- **Role :** Artificial Intelligence(AI) , Python Developer
- Designed an encoder-decoder system using Python for seamless and precise conversion of words and numbers across data representations.
- Utilized efficient algorithms to enable adaptable data transformation for diverse applications.

  Tools & Technologies: Python, NumPy, Pandas.

SKILLS

- Python
- Data Science
- Matplotlib
- OpenCV

- SQL
- NumPy
- NLP
- HTML

- Artificial Intelligence(AI)
- Pandas
- Data Analytics
- WordCloud

- Machine Learning(ML)
- TensorFlow
- Canva
- Data Visualization

NON-TECHNICAL SKILLS

- Collaboration
- Problem Solving

- Social Media Management
- Poster Designing

- Organization
- Time Management

CERTIFICATIONS

- Data Analytics Essentials | Cisco Network Academy
- DevOps | GUVI
- Data Visualization With Power BI | Great Learning
- Business Intelligence Fundamentals | Simplilearn
- Python | EduPrep
- Foundation of Artificial Intelligence | Great Learning

AWARDS

- Recognized as **Top Performer** (Top 10) in iZet E-Payments Private Limited