

Bilakanti Vanshika

B.Tech
Amrita Vishwa Vidyapeetham

+91-7780272323
✉ bilakantivanshika@gmail.com
📍 Bilakanti Vanshika

ABOUT

Enthusiastic and adaptable undergraduate with a strong academic foundation and a passion for technology and innovation. Eager to apply my knowledge and learn in a professional setting. Possess excellent communication and teamwork skills developed through group projects and extracurricular involvement. Comfortable navigating challenges and managing deadlines. Eager to contribute to innovative projects. Seeking an entry-level opportunity to grow and make a positive impact in the technology field. Committed to continuous learning and professional development.

EDUCATION

- **B.Tech in Computer Science and Engineering(Artificial Intelligence)** 2021-25
Amrita Vishwa Vidyapeetham, Bengaluru CGPA: 8.28
- **Intermediate (XII)** 2019-21
Narayana Junior College, Hyderabad Percentage: 98.2
- **Secondary (XI)** 2018-19
Narayana Concept School, Hyderabad CGPA: 9.8

PROJECTS

- **EEG-Based Emotion Recognition Using Deep Learning** June 2024
Deep learning-based system for emotion recognition from EEG signals.
 - Used DEAP dataset, implemented and compared various models like LSTM, GRU and 3D CNN to classify emotions based on EEG signals.
 - Achieved good results, demonstrating the potential of DL and EEG data for understanding emotional states.
- **News Article Categorization Using PySpark** Feb 2024
A scalable news article categorization system
 - Employed PySpark to integrate NLP techniques with machine learning models
 - Trained and evaluated ML models, including SVM, Random Forest, and Logistic Regression to classify news articles.
- **Image Forgery Detection With Recompression Using DL** July 2023
Developed a DL model to detect image forgeries through feature extraction and recompression techniques.
 - Built a DL model to detect image tampering for feature selection and classification.
 - Integrated image recompression techniques to enhance the accuracy of forgery detection.

TECHNICAL SKILLS AND INTERESTS

Skills: Java, Python, SQL, MongoDB, Git, Machine Learning
Areas of Interest: AI, ML/DL
Hobbies: Cooking, Listening to Music, Badminton, Dance
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability
Languages: English, Telugu, Hindi

PAPER PUBLICATIONS

- **Text Based Sentiment Analysis Using Machine Learning and PySpark** Jan 2024
 - Used PySpark and ML to classify text as positive, negative, or neutral
 - Achieving results through NLP preprocessing and Logistic Regression.

ACHIEVEMENTS

- Supervised Machine Learning: Regression and Classification- Coursera Feb 2024
- Advanced Learning Algorithms- Coursera June 2024