Enabothula Sheshu

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EDUCATION

- **Kakatiya Institute of Technology and Science , Warangal**   Telangana, India
  BTech – Computer Science Engineering with AI & ML CGPA: 8.02   *Expected June 2025*

- **Shine Junior College**   Warangal, India
  Telangana State Board of Intermediate Education - Senior Secondary: 92.2%   *june 2019 -May 2021*

- **Notre Dame School**   Warangal, India
  Telangana State Board of Secondary Education – 10th: 95%   *june 2018-May 2019*

PROJECTS

- **Health Insurance Prediction using Machine Learning** - GitHub
  - Built a Random Forest model to estimate health insurance premiums, achieving a 20% increase in prediction accuracy.
  - Collected and cleaned customer data, improving data quality by handling missing values and outliers.
  - Deployed the model using Gradio , enabling insurance agents to input customer data and receive instant premium predictions, reducing underwriting processing time by 30%.

- **Music Generation using Deep Learning -**GitHub
  - Created a deep learning model using LSTM networks to generate original music compositions based on user emotions, improving melody coherence and diversity.
  - Collected and preprocessed MIDI files, ensuring high-quality input data by normalizing sequences and handling missing values.
  - Deployed the model using a web interface where users input a sentence describing their current mood. The system recognizes the emotion, maps it to appropriate music, and generates a corresponding melody, enhancing user engagement and satisfaction.

- **SVM Image Classification** -GitHub
  - Implemented a Support Vector Machine (SVM) classifier with deep learning techniques to classify images into three categories: cars, ice creams, and cricket balls.
  - Deployed the model for real-time image classification applications, enabling rapid analysis and decision-making in areas such as automotive safety, food industry quality control, and sports equipment categorization..

RELEVENT COURSEWORK

- Data Structure & Algorithms
- Database Management System, RDBMS, MySQL
- Object Oriented Programming
- Machine Learning and Deep Learning
- Image Processing

CERTIFICATIONS

- Introduction to Cyber Security by Cisco
- Machine Learning by Great Learning

TECHNICAL SKILLS

- **Languages**: Python, C++, SQL, HTML/CSS , JavaScript
- **Developer Tools**: Excel,GitHub

INTERESTS

Sports, Editing and Photography