

IMADABATHUNI HARSHA VENAKT

WEB DEVELOPER | AIML



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ABOUT ME

Aspiring Artificial Intelligence and Machine Learning (AIML) engineer with a strong foundation in web development and quantum computing. Passionate about building innovative solutions that integrate AI/ML for real-world applications. Looking for opportunities to apply my skills in machine learning, web development, and automation to solve challenging problems.

EDUCATION

DHANEKULA INSTITUTE OF
ENGINEERING AND TECHNOLOGY
(BACHELOR OF TECHNOLOGY)
CSE(AIML)-7.11 CGPA (scale of 10)
2022 - 2026

IGNITE JUNIOR COLLEGE,
INTERMEDIATE EDUCATION
MPC - 68%
2020 - 2022

SKILL

- Python, JavaScript, HTML, CSS
- Scikit-learn, TensorFlow
- Flask, React.js, APIs, SQLite, Bootstrap
- GitHub
- Jupyter Notebook, VSCode, Qiskit
- Digital Marketing

ACHIEVEMENT

WON 1ST PLACE AMONG 100 PROJECTS FOR DEVELOPING A SMART MIRROR, SHOWCASING INNOVATIVE INTEGRATION OF TECHNOLOGY AND DESIGN.

THE PROJECT DEMONSTRATED EXCEPTIONAL PROBLEM-SOLVING SKILLS AND CREATIVITY IN BUILDING A FUNCTIONAL AND INTERACTIVE SMART DEVICE.

WORK EXPERIENCE - INTERNSHIP

CMS- Infosys Springboard 3 MONTHS
Completed a virtual internship in AI, Machine Learning, and Web Development, working on industry-level projects and case studies to enhance problem-solving skills. Developed a Car Data API Wrapper using Flask, integrating Strapi API with SQLite for seamless data synchronization.

Spaceship Titanic Rescue Mission – Kaggle Competition 2 months
Built a classification model to predict passengers transported to an alternate dimension using VotingClassifier with RandomForest and GradientBoosting, achieving 80.67% accuracy. Tuned hyperparameters to optimize model performance.

PROJECTS

Heart Disease Prediction using Machine Learning 1 month
Developed a heart disease prediction model using Quantum Support Vector Classifier (QSVC) integrated with a bagging ensemble. Compared quantum classifiers (QSVC, QNN, VQC) with classical models (SVM, ANN) and implemented SHAP for explainability.

DHAN FLY HIGH CLUB Website Development 2 month
Developed and launched the DHAN FLY HIGH CLUB website, integrated into the Dhanekula Institute of Engineering Technology portal, showcasing drone research and projects. Utilized HTML5, Bootstrap 4, CSS3, JavaScript/jQuery, AOS, and WebP for responsive design, dynamic features, and performance optimization.

Real-Time Head Tracking System with Jetson Nano 1 month
Developed a real-time head tracking system using Jetson Nano and a camera module, leveraging OpenCV for accurate head position and orientation detection. The system demonstrates the power of edge computing for efficient visual data processing in applications like gesture control and virtual reality.