GUTHI VIGNESHBABU

WEBDEVELOPER|AI&ML|IOT&EMBEDDED SYSTEMS

9494031092

📍 Vijayawada   ✉ vigneshguthi3212@gmail.   🌐 https://gvignesh.tech/

ABOUT ME

AspiringArtificial 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)-7.56 CGPA (scale of 10)
2022 - 2026

NARAYANA JUNIOR COLLEGE, INTERMEDIATE EDUCATION MPC - 71%
2020 - 2022

SKILL

- Python, JavaScript, HTML, CSS
- Jupyter Notebook, VSCode, Qiskit
- GitHub
- Flask, React.js, APIs, SQLite, Bootstrap
- AI&ML TOOLS
- IOT Projects

ACHIEVEMENT

- Successfully participated inmultiple hackathons, showcasing innovative problem-solving and technical skills
- Workedon IoT-based projects, integrating advanced technologies for real-world applications.
- Developed and implemented autonomous drone systems for real-time monitoring and data collection

PROJECTS

DHANFLY HIGHCLUB Website Development 1 MONTHS 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.

WORK EXPERIENCE – INTERNSHIP

AIMERSOCIETY

I worked on data preprocessing, feature engineering, and training predictive models using various algorithms. Additionally, I explored AI- driven solutions to real-world problems, enhancing my understanding of model optimization, evaluation metrics, and deployment strategies. This experience strengthened my coding, analytical, and problem-solving skills in the AI & ML space.

BLACKBUCK ENGINEERINGS

Generative AI (ChatGPT) During this internship, I focused on the practical applications of Generative AI using OpenAI's ChatGPT. My responsibilities included developing conversational AI models, creating interactive chatbot solutions, and integrating generative language capabilities into real-world applications. I gained hands-on experience in natural language processing, prompt engineering, fine-tuning AI responses, and enhancing user interaction through AI-driven interfaces.

CERTIFICATION

- INFOSYS SPRING BOARD PYTHON BASICS
- INFOSYS SPRING BOARD PYTHON FOUNDATION
- INFOSYS SPRING JAVA LANGUAGE
- INFOSYS SPRING BOARD JAVA DEVELOPER CERTIFICATION
- SPOKEN TUTORIAL OF IIT BOMBAY C
- SPOKEN TUTORIAL OF IIT BOMBAY CPP TRAINING
- AI Model Development Contest By Artificial Intelligence Medical & Engineering Researchers Society
- GENRATIVE AI BY IIDT BLACKBUCKS

View certificates : https://drive.google.com/drive/folders/1-LINR8t4X8hDiudbyXFRfvI5NVMPZSFW?usp=drive_link

SKILLS

- Problem solving
- Web & Backend Development
- AI / Machine Learning Core
- Generative AI & LLMs
- Computer Vision
- IoT & Embedded Systems
- DevOps & Software Engineering Process
- Databases & Data Handling
- Cybersecurity / Defensive Security

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I am committed to continuous learning and growth in the fields of Artificial Intelligence, Machine Learning, Web Development, and Embedded Systems, and I strive to contribute effectively to innovative and impactful projects.