

# GUTHI VIGNESHBABU

WEB DEVELOPER |AI&ML



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Vijayawada

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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)-7.44 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 in multiple hackathons, showcasing innovative problem-solving and technical skills
- Worked on IoT-based projects, integrating advanced technologies for real-world applications.
- Developed and implemented autonomous drone systems for real-time monitoring and data collection

## PROJECTS

### DHAN FLY HIGH CLUB 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.