P Venkata Naga Dhanush

JavaScript Full Stack | Genrative AI | Prompt Engineer

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SKILLS

PROGRAMMING

Languages
- Advance: Python, JavaScript
- Intermediate: C,
- Novice: Java

Tools
- GIT • Linux • Windows

Frameworks
- React
- Express

Technologies
- HTML • CSS • JavaScript
- SQL • MongoDB
- React

OTHERS
- Computer Vision
- Video Editing
- NLP
- Exploring new technologies

EDUCATION

B. Tech, CSE
Chalapathi Institute of Technology
2022-26 | Guntur
CGPA: 8.2

Intermediate, MPC
Mhatma Gandhi Junior College
2020-22 | Velpur
Percentage: 67.9%

SSC
Jai Bharath High School
2019-20 | Krosuru
Percentage: 97.83%

LANGUAGES KNOWN

• English • Hindi • Telugu

LINKS

Github:// PVNDhanush
LinkedIn:// PVNDhanush

PROJECT(S)

Msg-Me-Fullstack-WebApp   React | MongoDB | Express | NodeJS

- Mongoose & Express: Build APIs for user management (MongoDB) and handle requests (Express).
- JWT Auth: Secure logins with JWTs (JSON Web Tokens) for access control.
- Socket.io: Enable real-time messaging by broadcasting messages to all users.
- React & Zustand: Build a dynamic UI with React and manage app state using Zustand.

Portfolio   Next.js | Three.js | Framer Motion | Tailwind CSS

- Engaging Visuals: Captivating hero section, interactive 3D elements (like a GitHub globe), and creative use of HTML5 canvas for stunning effects.
- Dynamic Content Presentation: Modern Bento Grid layout showcasing your information, scrolling or animated testimonials for user engagement, and prominent display of your work experience.
- Seamless User Experience: Responsive design ensures a flawless viewing experience for all users across devices, from desktop to mobile.
- Code Architecture & Reusability: Well-structured and reusable code components ensure maintainability, scalability, and potential for future enhancements.

Sketch-Solve   Python | OpenCV I AI

Problem:
Current methods: Time-consuming & lack accessibility. Sketch Solve: Solves math with hand gestures & AI, making it faster and more intuitive.

- Hand Gesture Recognition: Utilize OpenCV's HandTrackingModule to detect and track hand movements in real-time. This captures the user's drawings as they sketch equations on the screen.
- Image Processing: Preprocess the captured image to enhance the drawn symbols and remove noise. Techniques like thresholding, filtering, and edge detection can be applied for a clearer image sent to the AI model.
- AI Integration: Integrate a pre-trained AI model, like Google's Generative AI model (GenAI), to analyze the processed image. The model interprets the mathematical symbols and equations drawn by the user.
- Real-time Feedback: Display the solution provided by the AI model on the screen alongside the user's drawing. This creates an interactive experience where users see the solution instantly after completing their sketch.

CERTIFICATIONS

Python Essentials	: By Udemy
Python Basic	: By Chegg
CyberSecurity	: By Pala ALTO (AICTE)
Android Devloper	: By Google (AICTE)
AI/ML	: By Google (AICTE)
Java Basics	: By EDX
Entrepenure	: By EDX