P VENKATA NAGA DHANUSH

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PROFESSIONAL SUMMARY

B.Tech Computer Science student passionate about software development with hands-on experience in Python, web development, machine learning, and generative AI. Skilled in building AI-powered applications, workflow automation tools with n8n, and web applications using modern frameworks. Proven track record in hackathons and innovative project development.

Date of Birth: September 29, 2004   **Languages:** English, Hindi, Telugu

EDUCATION

Chalapathi Institute of Technology   **2022 – 2026**
Bachelor of Technology in Computer Science & Engineering   *Guntur, Andhra Pradesh*
CGPA: 8.2/10.0

Mahatma Gandhi Junior College   **2020 – 2022**
Intermediate Education (Mathematics, Physics, Chemistry)   *Velpur, Andhra Pradesh*
Percentage: 67.9%

Jai Bharath High School   **2019 – 2020**
Secondary School Certificate   *Krosuru, Andhra Pradesh*
Percentage: 97.83%

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C, Java
Web Technologies: React.js, Next.js, HTML5, CSS3, Node.js, Express.js, RESTful APIs
Databases: MongoDB, MySQL, PostgreSQL, Supabase
AI & Machine Learning: LangChain, CrewAI, PydanticAI, Scikit-learn, TensorFlow, Transformers, LLMs, NLP, RAG, Deep Learning
Data Science & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Tableau, Jupyter Notebooks
Automation & Workflow: n8n, Langflow, Make.com, Zapier
DevOps & Cloud: Docker, Git, GitHub, Google Cloud Platform, Vercel, Netlify
Development Tools: VS Code, PyCharm, Postman, Chrome DevTools

FEATURED PROJECTS

Plant Vision Agro | *Next.js, TailwindCSS, Plant.id API, Gemini AI*   **September 2025**

- Built a comprehensive agricultural platform with plant disease detection, crop recommendation system, and AI-powered farming advice using computer vision and machine learning
- Integrated multiple APIs for real-time plant identification, disease diagnosis, and personalized treatment recommendations

Log Classification System | *Python, Sentence Transformers, Logistic Regression, Node.js, React*   **August 2025**

- Engineered an AI-driven system to classify and analyze log files using a multi-tiered approach combining regex patterns, machine learning models, and large language models
- Achieved 90% accuracy in log categorization and implemented real-time processing for enhanced system monitoring and debugging efficiency

Fraud Suraksha | *Python, Streamlit, LangChain, RAG, Google Gemini*   **July 2025**

- Created an AI-powered fraud detection assistant that analyzes messages, profiles, and situations to identify potential fraudulent activities using advanced NLP techniques
- Implemented Retrieval-Augmented Generation (RAG) with Google's Gemini model for context-aware risk assessment and real-time fraud prevention

Course Guider Agent | *n8n, Supabase, OpenAI GPT*   **September 2024**

- Developed an intelligent AI-powered learning assistant that dynamically generates personalized course roadmaps, recommends relevant tools, and suggests career paths based on user queries and preferences
- Implemented automated workflow using n8n for seamless execution, real-time response generation, and integration with multiple AI services for enhanced learning experience
- Won 1st place at oTTomator Live Agent Studio Hackathon, receiving $700 prize and recognition from industry experts

Sketch-Solve | *Python, OpenCV, Computer Vision, AI*   **February 2024**

- Developed real-time hand gesture recognition system for mathematical equation interpretation using computer vision and deep learning
- Integrated with pre-trained AI models for instant mathematical problem solving with 85% accuracy in equation recognition

EXPERIENCE & LEADERSHIP

Smart India Hackathon – Team Lead & Full-Stack Developer   **September 2025 – Present**
- Leading development of AI-powered fraud detection solution focusing on real-time scam identification and risk assessment
- Coordinating team of 6 developers and managing project timeline for national-level hackathon competition

Hackathon Winner – oTTomator Live Agent Studio Hackathon   **September 2024**
- Led development of Course Guider Agent using n8n workflow automation, demonstrating innovation in AI-driven educational technology
- Collaborated with cross-functional team to deliver production-ready solution within 48-hour timeframe

CERTIFICATIONS & TRAINING

Python Programming: HarvardX CS50P
Machine Learning: IBM Professional Certificate
CyberSecurity: Palo Alto Networks (AICTE)
ServiceNow CSA & CAD: ServiceNow Certified

AI/ML Fundamentals: Google (AICTE)
Cloud Computing: Google Cloud Platform
Web Development: Full Stack JavaScript
Data Science: IBM Data Science Professional

ACHIEVEMENTS & RECOGNITION

Winner – Best n8n Agent, oTTomator Live Agent Studio Hackathon   **September 2024**
- Awarded 1st place among 100+ participants for developing innovative Course Guider Agent using n8n workflow automation
- Recognized for excellence in AI-driven educational technology and personalized learning solutions
- Received $700 cash prize and mentorship opportunities, judged by Cole Medin (CTO, oTTomator)