



D PAVAN

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CAREER OBJECTIVE

To leverage my strong foundation in full-stack development, AI technologies, and cloud platforms to build intelligent, scalable, and impactful digital solutions. As a certified software developer with hands-on experience in Gen AI, RAG, and automation workflows, I aim to contribute to a forward-thinking organization that values innovation, continuous learning, and meaningful user experiences.

EDUCATION

CVR College of University (M.Tech)	MARCH 2025
Artificial Intelligence and Machine Learning	(CGPA: 8.54/10)
KL University (B.Tech)	APRIL 2023
Computer Science and Engineering(Cybersecurity)	(CGPA: 8.56/10)

PROJECTS

Pro Kabaddi Auction 2025 Chatbot with RAG	JULY 2025
<ul style="list-style-type: none">Developed a chatbot using N8N and RAG to answer queries from uploaded CSV/JSON data.Ensured highly accurate responses using isolated dataset workflows.Key Technologies: RAG, N8N, LangChain, Google Drive API, JSON, CSV	
Financial Forecasting – Stocks & Cryptocurrency	DEC 2024 - JUNE 2025
<ul style="list-style-type: none">Built a predictive model using the NIFTY 50 and crypto datasets to forecast financial trends.Combined machine learning with sentiment analysis for improved accuracy.Key Technologies: Python, Machine Learning, Sentiment Analysis, NIFTY 50, Crypto APIs	
MCP Automation with Claude & ChatGPT	JUNE 2025
<ul style="list-style-type: none">Automated tasks like email, YouTube comments, and Drive uploads using MCP servers.Integrated Claude AI and ChatGPT to streamline operations.Key Technologies: MCP Servers, Claude AI, OpenAI API, Google Drive API	
Weekend Planner with LangChain & Groq	MAY 2025
<ul style="list-style-type: none">Built a travel suggestion app based on date, location, and budget inputs.Used Groq API and LangChain for fast, location-aware recommendations.Key Technologies: LangChain, Groq API, Streamlit, Location API	
Gen AI Gym App – Fit Life	APRIL 2025
<ul style="list-style-type: none">Created a Gen AI-powered fitness app with personalized workout suggestions.Included admin approval, user health input, and daily check-in tracking.Key Technologies: Gen AI, Python, Streamlit, HTML, CSS	
Emotion Detection System	OCT 2024
<ul style="list-style-type: none">Detected facial expressions in real-time using a CNN-based model.Applied image processing techniques for improved emotion accuracy.Key Technologies: Python, OpenCV, CNN, Deep Learning	

TECHNICAL SKILLS

Languages: C, Python, Java, HTML, CSS, Javascript, SQL

Technologies: Mysql, Linux/Unix,Tailwind CSS, Streamlit, LangChain, Gen AI, Sentiment Analysis, Machine Learning, Deep Learning, MCP Servers, N8N, Claude AI, ChatGPT, Microsoft Azure, GitHub, Google Drive API, OpenCV, JSON, CSV

Other Skills: Data Structures and Algorithms, Operating System, DBMS, Full Stack Web Development, RAG,

Tools: Pega,Cybersecurity, Network Security,Kali Linux,Pycharm, VS Code, Git, Eclipse

CERTIFICATIONS

- Pega:** Certified Pega System Architect (CSA 8.7)
- Microsoft :** Azure Fundamentals, Azure AI Fundamentals.
- Aviatrix:** Certified Engineer – Multicloud Network Associate.
- Palo Alto:** Cybersecurity Network Certification.
- Cisco:** Packet Tracer Certification.