

BHANU PRAKASH SANGANA

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Education

Prathyusha Engineering College, Thiruvallur	August 2020 – May 2024
Computer Science and Engineering (B.Tech)	CGPA: 8.13/10
Krishna Chaithanya Junior College, Nellore	April 2018 – June 2020
Higher Secondary	GPA: 8.67
Z.P.P High School, Viruvloor	July 2017 – March 2018
Secondary	GPA: 8.3

Skills

- **Computer Languages:** Python, HTML, CSS, JavaScript, SQL, Java
- **Software & Tools:** PyCharm, VS Code, GCP
- **Frameworks:** Django, Flask
- **Libraries:** React.js, Numpy, Pandas

Experience

Analyzing Social Media	<i>Palle Technology</i>	<i>May 2024 – Aug 2024</i>
Collaborated on building a backend system that analyzes public sentiment from social media data and suggests relevant products based on user emotions.		
Airport Services Bot		<i>Sep 2024 – Dec 2024</i>
Built a WhatsApp chatbot using Flask and LangChain/OpenAI to deliver real-time airport services like flight status, gate info, and terminal directions via live aviation APIs.		
Real Estate Inquiry Bot		<i>Jan 2025 – Apr 2025</i>
Developed a smart WhatsApp chatbot that fetches real estate listings via APIs and responds to user queries using natural language processing, complete with property images, visit scheduling, and brochure delivery.		
Car Showroom Bot		<i>May 2025 – Aug 2025</i>
Created a WhatsApp chatbot for browsing and comparing cars, using live automobile APIs and LLMs for natural queries, supporting test drive bookings, EMI calculations, and real-time dealer interactions.		

Projects

Prediction Mortality in Hospital Using AI	<i>Nov 2023 – May 2024</i>
<ul style="list-style-type: none">• Developed an AI-based mortality prediction model leveraging Django for backend integration, achieving high accuracy in identifying at-risk patients.• Augmented clinical decision-making by accurately identifying patients with an 85% higher likelihood of complications, improving early intervention strategies.	

Achievements

- Completed Full Stack Python Certification
- Big Data – Veranda Learning