

PETTEM AKHILVARSH

📞 +91 9493312768 | ✉️ akvarsh1013@gmail.com | [🌐 LinkedIn](#) | [🐙 Github](#)

EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology

B.tech CSE(Data Science)

Government Institute Of Electronics

Diploma In Cloud Computing And Big Data (CGPA of 9.53)

Bachupally,Hyderabad

Jul 2024 – Present

East Marredpally,Secunderabad

Aug 2021 – May 2024

EXPERIENCE

NSIC Technical Services Centre

June 2023 – Nov 2023

Industrial Trainee

ECIL,Hyderabad

- Developed a web scraping tool using **Beautiful Soup** to extract and provide the top 10 product links from Amazon based on user input and a specified price range.
- The tool reduced manual search time by **70-80%**, automating the process of finding relevant products within a price range.

SKILLS

Programming Languages: Python, Java, C++, Dart, SQL

Libraries/Frameworks: Hadoop, Ollama, LangChain, Flutter, .Net, HTML, CSS

Tools/Platforms: Amazon Web Services, Google Cloud Platform

PROJECTS

AI-Powered Automotive Expert System

- * **Developed an AI-powered automotive expert system** using the **Llama 3.1 model** with the **Ollama** library and integrated it into a **Streamlit** chat interface for seamless user interaction.
- * Designed an AI agent as an **Automotive Expert and Sales Consultant**, leveraging NLP for detailed car comparisons and personalized recommendations..
- * Utilized **Crew AI agents** to manage tasks and deliver vehicle insights, improving customer engagement and providing comprehensive information on vehicle models and market trends.

Smart Question Paper Generator

- * **Developed a Flutter-based mobile app** that automates question paper generation using **OCR and Gemini 1.5 Pro**. The app scans text from images or PDFs and creates structured question papers.
- * Utilized **TrOCR**, a **neural network-based model** for accurate recognition of printed and handwritten text. This approach ensures high-quality text extraction and processing.

CERTIFICATIONS & ACHIEVEMENTS

- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** :Oracle, July 2024
- Achieved '**C**' **Certification** within the **National Cadet Corps (NCC)** by leading diverse training exercises and participating in 30+ leadership workshops, enhancing skills in discipline, teamwork, and organizational commitment.

LEADERSHIP

Cloud Community Club

Secretary

Feb 2023 – May 2024

Hyderabad

- * **Organized and Coordinated Meetings:** Scheduled and facilitated regular club meetings, ensuring effective communication and smooth operations.
- * **Event Planning and Execution:** Coordinated and executed cloud computing workshops, seminars, and guest lectures, contributing to the club's growth and member engagement.