Chowdary Mohammad Fawaz

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Summary:

B.Tech AI student with experience in AI agents, blockchain, and cloud solutions. Skilled in building ML models, IoT apps, and full-stack blockchain projects. Interested in Microsoft Apprenticeship to apply AI + cloud knowledge in real-world systems.

Skills:

- **Languages:** Python, Java, C++, JavaScript
- **Cloud:** Azure, GCP, Docker
- **Blockchain:** Algorand, Smart Contracts, WalletConnect
- **Frameworks/Libraries:** TensorFlow, Scikit-learn, Pandas, NumPy
- **Databases:** SQL, Firebase, Cosmos DB
- **Tools:** Git, Linux, REST APIs, React, Tailwind CSS

Experience:

Software Engineer (Python) – KPVDR BOTSAPI Pvt Ltd　(Aug 2024 – Jan 2025)

- Built Python automation scripts on BlackArch Linux, reduced scanning effort by 50%.
- Developed tools for penetration-testing workflow automation.

Software Intern – HCLTech　(Jan 2024 – Apr 2024)

- Developed EcoCycleHub (IoT Android app) for cycle tracking.
- Designed APIs and optimized data sync latency.

AI/ML Intern – IIT Kanpur　(Dec 2023 – Jan 2024)

- Built ML pipelines for large-scale datasets & data preprocessing for accuracy improvement

Projects

Tranxact – Blockchain + AI + Cloud Donation Platform

- Built a transparent charity donation system combining AI analytics, blockchain, and cloud.
- **Tech:** React, Tailwind CSS, Algorand, Pera Wallet, AI models, Azure.

AI Tutor Agent (Physics & Chemistry)

- Developed an AI agent that strictly focuses on solving physics & chemistry problems without deviation.
- **Tech:** Python, NLP, AI agents.

VoxFusion – AI Voice Assistant

- Offline/online AI-powered assistant for system control and reminders.
- Hackathon pre-finalist (Unisys). **Tech:** Python, NLP.

EcoCycleHub – IoT Android App

- Android app for real-time cycle inventory used in the IT Campus.
- **Tech:** Java, Firebase, REST APIs, IoT.

Education

- **G. Pullaiah College of Engineering and Technology- Kurnool**　(2024–27)
  B.Tech in Artificial Intelligence　**CGPA** - 8.6
- **Dr. YC James Yen Govt Polytechnic – Kuppam**　(2020-24)
  Diploma in Computer Science　**CGPA** – 9.0

Achievements & Certifications

- **Selected for Microsoft FounderHub:** Received **$6000 funding** to build AI based projects.
- Hackathon Pre-finalist – Unisys VoxFusion
- Cloud Computing (Arcade by Google), Blockchain Basics (LinkedIn), Data Analytics (Cisco), Computer Network (Cisco)