

MUKTESHWAR REDDY VANGALA

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Kurnool, AP 518002

WEBSITES, PORTFOLIOS, PROFILES

- <https://github.com/Muktesh4636>

PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented Computer Science graduate with a solid foundation in programming, data structures, algorithms, and software development. I'm skilled in Python and SQL, and I enjoy working in team environments where I can learn and contribute. I'm looking for a Software Associate role where I can grow, build efficient solutions, and apply my problem-solving skills to real-world challenges. I'm adaptable, quick to learn, and passionate about using technology to make a difference.

SKILLS

- Python
- Django
- Programming
- Software development
- SQL
- Problem-solving
- Object-oriented programming

EXPERIENCE

Real Time Intelligent Traffic Signal System | B.Tech Project - Hyderabad, India
Built a smart traffic control system that uses camera images to detect the number of vehicles on each road in real time. Adjusted traffic signal timings based on traffic density to reduce waiting time and improve traffic flow. *01/2025 - Current*

Entrepreneur in Residence Kurnool, India *05/2024 - 12/2024*
Managed and optimized a small-scale crypto mining setup using Antminer S19 units with immersion cooling and solar-backed power systems. Gained hands-on experience with hardware configuration, thermal management, power distribution, network setup, and performance monitoring. Maintained uptime, monitored hash rates, and applied firmware updates. Also tracked energy consumption, calculated ROI, and ensured secure wallet transactions and mining pool integration.

EDUCATION

Bharath University - Chennai, India
Bachelor of Technology: C.S.E

04/2024

- CGPA : 84%