

# AKSHAY VEMULA

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## CAREER OBJECTIVE

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Motivated Computer Science Engineering student specializing in AI & ML, with a strong foundation in software development and leadership. Passionate about applying innovative solutions to real-world challenges using technology. Eager to contribute to dynamic teams and fast-paced environments.

## TECHNICAL SKILLS

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**Programming Languages:** HTML, CSS, JavaScript, Java, Python, C++

**Database:** SQL, Mongo DB

**Languages:** Fluent in English and Telugu, Basic Hindi.

**Frameworks:** Bootstrap, React.js, Node.js, Express.js

**Tools:** Git & Github, VSCode

**Certifications & Training:**

- Web Development by UDEMY
- Python Programming by UDEMY
- C++ Programming by UDEMY
- Cyber Security by CISCO
- GenAI Powered Data Analytics by TATA Forage

## PROJECTS

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**WEB BASED CROWDFUNDING USING BLOCKCHAIN:**

**Memstack, Blockchain**

- Developed a decentralized platform for transparent and tamper-proof fundraising.
- Improved funding security with encrypted authentication and smart contract automation.
- Learned Blockchain integration, real-time tracking, and secure web architecture.

**MONKEY POX DETECTION USING DEEP LEARNING:**

**Python, Deep Learning**

- Built a deep learning model for automatic Monkeypox detection using medical images.
- Achieved accurate classification through optimized CNN architecture and preprocessing.
- Gained experience in medical imaging, model tuning, and data augmentation.

## EDUCATION

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**JYOTHISHMATHI INSTITUTE OF TECHNOLOGY & SCIENCE**

**Karimnagar**

B.TECH, CSE(AIML)

2021- 2025

Cumulative GPA: 6.70

**ALPHORES JUNIOR COLLEGE**

**Karimnagar**

Cumulative GPA: 7.42

2019-2021

**KERALA ENGLISH MEDIUM HIGH SCHOOL**

**Dharmapuri**

Cumulative GPA: 9.2

2018-2019

## PERSONAL SKILLS

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- Effective Communication Skills
- Problem-Solving Ability
- Adaptability & Leadership

## ACHIEVEMENTS

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- Published a research paper titled “Monkeypox Diagnosis” in the International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 13, Issue 6.
- Participated in many Group Discussions, JAMs and won the competitions
- Participated in HPCL Power Lab by UNSTOP