

BIKSHAPATHI SHYAMAKURI

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PROFESSIONAL SUMMARY

I am a Bachelor's student in Computer Science and Technology with a strong passion for Artificial Intelligence, Machine Learning, and Data Science. I thrive in dynamic, innovation-driven environments and actively seek opportunities to apply my knowledge to solve real-world problems. With a deep interest in emerging technologies and a commitment to continuous learning, I aim to contribute to impactful projects, enhance my technical expertise, and collaborate with like-minded individuals in the tech community.

EDUCATION

Joginpally B.R. Engineering College

July 2025

Bachelor of Technology

Related Coursework: Database Systems, Computer Science, Operations Management, Management, Business Software Development

GPA: 7.5

PROJECTS

SIGN LANGUAGE RECOGNITION

- The system uses computer vision to process hand movements and a Random Forest algorithm for gesture classification, aiding communication for individuals with hearing impairments
- Built a gesture recognition pipeline that converts sign language to English alphabets and words with high accuracy.

MODERNIZING AGRICULTURE WITH NEXTGEN TECHNOLOGIES

- Integrated IoT and AI solutions to monitor soil health, automate irrigation, and predict crop diseases, increasing yield and reducing manual effort.
- Built a responsive web dashboard using HTML, CSS, and JavaScript for real-time visualization of sensor data and smart alerts for farmers.
- Leveraged machine learning models (using Python & TensorFlow) to optimize crop planning based on weather, soil, and historical yield data

CERTIFICATIONS & ACHIEVEMENTS

HackerRank.com

- JAVA (3 stars)
- C++ (3 stars)
- SQL (2 stars)

Udemy

Certified by Udemy in JavaScript web technology

SKILLS

Computer: Microsoft Excel, Access, PowerPoint, Visual Basic ,Windows OS,SQL

programming Language: C,C++,Java,Html,Css,Javascript,React js

- Proficient in communicating effectively in English, Hindi, and Telugu.
- Familiarity with Git and GitHub for collaborative coding and version management.
- Ability to work independently and as part of a team