

BHUMIKA B RAJ

Tumkur, India

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CAREER OBJECTIVE

An inquisitive and self-driven professional eager to harness technology for impactful problem-solving. Looking for an opportunity in a collaborative and forward-thinking environment where I can apply my technical proficiency, analytical skills and innovative mindset to contribute meaningfully to organizational success while continuously evolving both personally and professionally.

EDUCATION

Channabasaveshwara Institute Of Technology BE,ISE	<i>CGPA: 7.94</i> 2022 - 2026
Vidhyanidhi PU College, Tumkur Class 12	<i>Percentage: 78</i> 2020 - 2022
Chethana Vidhya Mandira, Tumkur High School - Class 10	<i>Percentage: 84.16</i> 2019 - 2020

TECHNICAL SKILLS

Programming: Python, C++, SQL, DSA
Web Development: Django, HTML, CSS, JavaScript
Virtualization: Kali Linux, VMware
Development Tools: Visual Studio Code, Github, PyCharm
Soft Skills: Teamwork, Active Listener, Work ethic

PROJECTS

Hand Gesture Recognition with MediaPipe | MediaPipe, Python, OpenCV, TensorFlow, scikit-learn, matplotlib

- Developed a real-time hand gesture recognition system leveraging MediaPipe for landmark detection and tracking.
- Engineered geometric features from hand landmarks to enhance gesture classification accuracy and classifies using both machine learning and deep learning models.

Nmap: Essential Port Scanning for Penetration Testing | Nmap, Linux

- Developed a network reconnaissance tool utilizing Nmap for efficient port scanning.
- This project focuses on identifying open ports, detecting services, and analyzing network vulnerabilities.
- Designed for use in penetration testing and proactive network security assessments.

CERTIFICATIONS AND ACHIEVEMENTS

- Participated in a 24-hour National Level hackathon on Cybersecurity and Ethical hacking organized by MIT, Mysuru.
- Participated in an 8-hour inter-collegiate hackathon organized by SIET, Tumkur.
- Udemy Python bootcamp.
- Forage Cybersecurity Analyst Job Simulation.
- Participated in the Startathon Workshop on AI and ML