

Shiva Kumar Radharapu

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CAREER OBJECTIVE

Aspiring Full-Stack Developer and Cybersecurity enthusiast with hands-on experience in MERN stack development, Ethical Hacking, and Machine Learning. Seeking opportunities to apply my technical and analytical skills in building secure, scalable applications and contribute meaningfully to innovative tech projects.

ACADEMIC DETAILS

CMR College of Engineering and Technology	Sept 2023-Present
Bachelor of Technology (BTech) in CSE - Cybersecurity	Hyderabad, India
Current Year: 3rd Year GPA: 8.65	
Jyothishmathi Institute of Technology and Science	Nov 2020-May 2023
Diploma in CSE GPA: 9.27	

EXPERIENCE

AICTE TechSaksham AI Internship	Dec 2024-Jan 2025
AI Intern— Remote	
<ul style="list-style-type: none">Developed a Real-Time Human Pose Estimation System using OpenPose and Deep Learning, enhancing accuracy for fitness and motion tracking.Optimized pose recognition models, reducing processing time by 30%, and integrated it into a Python-based framework.	

PROJECTS

DevConnect – A Developer Social Media Platform	April 2025
<ul style="list-style-type: none">Designed and developed a Full-stack responsive social media web app using the MERN stack, enabling developers to connect, share updates and collaborate.Implemented JWT-based authentication, user profile management, and real-time features like messaging and notifications.	
DefenderC2 Framework	Feb 2024
<ul style="list-style-type: none">Built a defensive Command & Control (C2) framework using Python and Flask to monitor endpoints, detect anomalies, and enable real-time incident response actions.	
Chatbot – AI Powered Interview Preparation Tool	Nov 2024
<ul style="list-style-type: none">Developed a Python-based chatbot using NLP to simulate real-time job interview scenarios. Trained it to handle FAQs, HR, and technical questions. Enhanced user confidence and preparedness through interactive conversation.	

TECHNICAL SKILLS

Programming Languages:	C,C++,Python,Java,SQL, JavaScript,Dart,Bash,HTML,CSS
Web Development:	MERN Stack (MongoDB, Express.js, React.js, Node.js), Bootstrap
Technologies/Frameworks:	ReactJS, Metasploit, Bootstrap, Microsoft SQL Server
Developer Tools/OS:	VS Code, Git, GitHub, Figma, Windows 10,11, Kali Linux, Arch, Parrot
CyberSecurity Tools:	Metasploit, Wireshark, Burp Suite, Nmap, Aircrack-ng
Soft Skills:	Teamwork, Communication, Leadership, Decision making

EXTRA-CURRICULAR

CMR College of Engineering and Technology	2024-Present
Member of Training and Placement Board	Hyderabad, India
<ul style="list-style-type: none">Organized training sessions on career development and technical skills for students.Hosted events on higher education and collaborated on campus-wide activities.	