

Nandu krishna M		
Cybersecurity and CS Student		
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Profiles	<div><div><div><div></div></div><div>Nandu krishna M</div></div><div><div><div></div></div><div>TheGhossst</div></div></div>	
Summary	Hey there! I'm Nandu Krishna M, a Computer Science and Engineering student with a passion for <b>cybersecurity and coding</b> . I've dipped my toes into some cool internships, where I got to play around with tools like aircrack-ng and hydra. I'm pretty comfortable with a bunch of programming languages and frameworks, and I've got some nifty certifications under my belt too.	
Experience	<div><div>CFSS</div><div>March 2024 - April 2024</div><div>Digital Forensics Intern</div><div>Remote</div><div><div>Wi-Fi Security</div><div><div>• Used aircrack-ng to analyze pcap files and identify security vulnerabilities.</div><div>• Intercepted communication messages and analyzed potential security threats.</div></div><div>Steganography</div><div><div>• Employed techniques like LSB steganography and digital watermarking to detect hidden information.</div><div>• Used specialized tools to uncover and analyze steganographic data</div></div><div>Audio Analysis</div><div><div>• Analyzed audio files with Python to extract hidden messages.</div></div></div></div>	
	<div><div>CFSS</div><div>November 2023 - December 2023</div><div>Penetration Testing Intern</div><div>Remote</div><div><div>Conducted Vulnerability Assessments and Penetration Tests</div><div><div>• Utilized tools like curl for HTTP requests and hydra for password brute-forcing.</div><div>• Exploited vulnerabilities in systems and applications for hands-on security assessments.</div></div><div>Tools and Techniques Mastered</div><div><div>• Mastered tools like nikto for web server scanning and netdiscover for network scanning.</div><div>• Gained proficiency in using nc for reverse shell execution and pty.spawn for acquiring a full TTY shell.</div></div><div>Key Achievements</div><div><div>• Bypassed multiple security measures and captured flags in various CTF challenges, showcasing problem-solving skills and technical expertise.</div><div>• Gained root access on vulnerable systems through privilege escalation techniques.</div></div></div></div>	
Education	<div><div>MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY</div><div>November 2021 - Present</div><div>Computer Science and Engineering</div><div>B.tech</div><div>CGPA: 8.93</div><div><a href="https://mbcet.ac.in">https://mbcet.ac.in</a></div></div>	
Projects	<div><div>E-VOTING USING BLOCKCHAIN</div><div>Present</div><div>Next.js, Solidity, Firebase</div><div><a href="https://github.com/TheGhossst/e-Voting">https://github.com/TheGhossst/e-Voting</a></div><div><div>Project Overview</div><div><div>• Developed a secure and transparent e-voting system for college-level elections using blockchain technology.</div><div>• Implemented the system to ensure the integrity and immutability of votes, providing a trustless and decentralized voting platform.</div></div><div>Key Features</div><div><div>• Secure Voter Authentication</div><div>• Blockchain Integration</div><div>• Transparency and Anonymity</div><div>• User-Friendly Interface</div></div></div></div>	
	<div><div>BANK MANAGEMENT SYSTEM</div><div>February 2023</div><div>Java, SQLite</div><div><a href="https://github.com/TheGhossst/Bank-System">https://github.com/TheGhossst/Bank-System</a></div><div><div>Project Overview</div><div><div>• Developed a bank management system using Java Swing for the UI and SQLite for the database.</div><div>• The system aimed to streamline banking operations, enhance customer experience, and ensure secure financial transactions.</div></div><div>Key Features</div><div><div>• User Authentication and Authorization</div><div>• Account Management</div><div>• Transaction Handling</div></div></div></div>	
	<div><div>MUSIC EXTENSION FOR BROWSERS</div><div>July 2024</div><div>HTML, CSS, JavaScript</div><div><a href="https://github.com/TheGhossst/Music-Extension">https://github.com/TheGhossst/Music-Extension</a></div><div><div>Key Features</div><div><div>• Local File Playback</div><div>• Dynamic Cover Art</div><div>• Playback Controls</div><div>• Responsive Design</div></div><div>Outcome</div><div>Successfully created and deployed a Chrome extension that enhances the user’s ability to play and manage local music files directly within the browser.</div></div></div>	
	<div><div>TabTracker</div><div>August 2024</div><div>TabTracker is a handy browser extension that helps you save and manage your important links in one place. Whether you're collecting websites for work, research, or just personal use, TabTracker makes it easy to keep track of everything. You can quickly save links, access them anytime, and stay organized without hassle. It's a simple tool that keeps your favorite online resources just a click away, making your browsing experience smoother and more efficient.</div><div><a href="https://github.com/TheGhossst/TabTracker">https://github.com/TheGhossst/TabTracker</a></div><div><div>Project Overview</div><div><div><div>• Developed a simple and user-friendly bookmark manager that allows users to save, manage, and delete website URLs.</div><div>• Implemented local storage functionality to persist user data across sessions.</div><div>• Enhanced the application with a responsive design, making it accessible across various devices.</div></div><div>Key Features</div><div><div><div>• <b>Local Storage Integration:</b> Data persistence using browser's local storage.</div><div>• <b>Dynamic List Rendering:</b> Real-time addition and deletion of bookmarks with a dynamic user interface.</div><div>• <b>Minimalist Design:</b> Clean and straightforward UI for ease of use.</div></div></div></div></div></div>	
Skills	<div><div>Programming Languages</div><div><div>●●●●○</div><div>C, Java, Python, Bash, Go lang, JavaScript</div></div><div>Libraries/Frameworks</div><div><div>●●●●○</div><div>Node, React</div></div><div>Tools / Platforms</div><div><div>●●●●●</div><div>VS code, Git, Wireshark, Burpsuite, Nmap</div></div><div>Databases</div><div><div>●●●●○</div><div>SQL, SQLite, Firebase</div></div></div>	
Interests	<div>Cybersecurity</div>	<div>Web development</div>
Certifications	<div><div>Google Cybersecurity</div><div>June 2023</div><div>Coursera</div><div><a href="#">Google Cybersecurity</a></div></div>	
	<div><div>NPTEL-Ethical Hacking</div><div>October 2023</div><div>NPTEL</div><div><a href="#">NPTEL-Ethical Hacking</a></div></div>	
	<div><div>Python OOPS</div><div>October 2023</div><div>UDEMY</div><div><a href="#">Python OOPS</a></div></div>	
	<div><div>NTPEL- CyberSecurity</div><div>May 2024</div><div>NPTEL</div><div><a href="#">NTPEL- CyberSecurity</a></div></div>	
	<div><div>HackerRank Problem Solving</div><div>July 2024</div><div>HackerRank</div><div><a href="#">HackerRank Problem Solving</a></div></div>	
	<div><div>HackerRank Python</div><div>April 2024</div><div>HackerRank</div><div><a href="#">HackerRank Python</a></div></div>	
Languages	<div><div>English</div><div>●●●●○</div><div>Malayalam</div><div>●●●●○</div><div>Hindi</div><div>●●●●○</div><div>Sanskrit</div><div>●●○○○</div></div>	