



Kiran Kumar Ch

Technical Skills: Java, Python, C++, Android Studio (Kotlin), AWS, EC2, S3, IAM **Certification:**

• HTML, CSS, and JavaScript for Web Developers, The Bits and Bytes of Computer Networking, Python Essentials, Fundamentals of AIML, Unstop Flipkart Grid, Cisco Junior Cybersecurity Analyst

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) with Cybersecurity and Digital Forensics	October 22 –Ongoing	Vellore Institute of Technology, Bhopal	8.23/10
Class XII	May 22	Bharani Park Higher Secondary School, Karur, Tamil Nadu	73.0%
Class X	March 20	Bharani Park Higher Secondary School, Karur, Tamil Nadu	72.0%
ACADEMIC PROJECTS			
Malware Analysis Signature-Based Using Static and Dynamic Analysis	impact on systems and - Project Outcome: De impact on networks Role: Research, static - Research Paper: Aut	d a specific malware sample to understand its behavior, continuous using signature-based, static, and dynamic analysis elivered detailed insights into malware characteristics, behaviors, and technical documentation. hored a comprehensive research paper detailing the methysis, contributing to the field of cybersecurity.	ysis methods. navior, and its potential
Streamline Malware Analysis Using Ghindra	areas included symbolic symbol table, and memenhance analysis efficiency. Project Outcome: Sumproved vulnerability. Future Scope: Integrate Ghidra framework. Tools and Technolog. Ghidra C++ Custom Scrip	accessfully automated malware analysis workflows using detection. ation of advanced automation techniques to streamline matrices Used: ots -authored a detailed paper focusing on the use of Ghidra for the streamline matrices.	ous symbols of the cripts to automate and Ghidra, resulting in alware analysis within the
NTERNSHIP			
Red Users Cyber Security Intern	Network Secuattacks, imple connections we Traffic Analy identify anoma Web Applicat WebGoat, ide vulnerabilities Penetration Tinjecting SQL Security Docudocumenting for Tools & Technologies.	emship Duration: 1month] [Remote] urity & Threat Analysis: Researched viruses, worms, to emented firewall configurations (Windows Defender), a ith WPA2/WPA3 encryption. sis with Wireshark: Captured and inspected HTTP, DN alies and potential security threats. tion Security Testing: Used OWASP ZAP to scan and a entifying and exploiting SQL Injection, Cross-Site Scrip . Cesting & Exploitation: Conducted manual testing to ex payloads and modifying web requests to assess security r umentation & Mitigation Strategies: Created detailed secondings, exploitation steps, and recommendations to pro the Wireshark, Windows Defender Firewall, OWASP ZAP, WPA2/WPA3 Encryption.	and secured network (S, and TCP/IP traffic unalyze vulnerabilities in oting (XSS), and CSRF uploit web vulnerabilities risks. ecurity reports, event security breaches

SIDE PROJECTS		
Guide Link - A Tour Guide App	 Description: Designed a platform connecting tourists and guides with personalized itineraries, real-time availability, and dynamic pricing. Features: In-app chat, role-switching (tourist/guide), payment integration, and feedback system. Tools and Technologies: Flutter, Firebase, Android Studio. 	
Anadhanam App (Bhojan Seva)	 Description: Developed an app facilitating Annadhanam scheduling and donations with features like real-time meal availability, notifications, and tax receipt generation. Features: Login system, feedback section, photo gallery, payment page, and 24/7 chat support. Tools and Technologies: Android Studio, Firebase. 	
Farm Easy - Connecting Farmers and Buyers	 Description: Developed a platform to connect small-scale farmers with buyers, streamlining produce sales and ensuring fair pricing. Problem Statement(SIH): Farmers face challenges in selling their produce directly to buyers due to middlemen, lack of market access, and logistical barriers. FarmEasy addresses these challenges by providing a seamless platform for direct transactions and integrated logistics support. Features: Farmer listings, buyer inquiries, logistics support, secure transactions, and notifications for delivery updates. Tools and Technologies: Android Studio, Kotlin, Firebase. 	

CO-CURRICULARS		
Coding, OS	Java, Python, C++, Kotlin, Kali Linux	

EXTRA-CURRICULARS AND ACHIEVEMENTS		
Achievements	ements MUN Club Member, Digital Forensics Club Member	
Responsibilities	■ NCC in school, NSS in college	
Extracurricular	Football Runner up Place, DAV (Intra-School Sports event)Raack Dance Competition	

ADDITIONAL INFORMATION		
Hobbies	 Avid Book Reader – Read numerous novels, Listening to music Playing Games – Badminton, Chess, Video Games 	
Languages	■ English, Tamil, Telugu, Hindi, French.	