VEDA NISHANTH

Sindhanur, Karnataka | 63633-94261 | obitouchiha00143@gmail.com

linkedin.com/in/veda-nishanth-50a006395 | github.com/bruceleethehacker | bruceleethehacker.in

PROFESSIONAL SUMMARY

Results-driven Cybersecurity professional with hands-on expertise in vulnerability assessment, penetration testing, intrusion detection/prevention (IDS/IPS), and AI-driven threat detection. Proven experience architecting real-time IDS platforms, behavioural biometric authentication systems, and SOC dashboards, processing 1M+ network records across industry-standard security datasets. Proficient in Python, network security, ethical hacking, and machine learning for anomaly detection and predictive threat modelling. Skilled with Nmap, Wireshark, Burp Suite, Metasploit, and SQLmap for vulnerability assessment and incident response. Active open-source security researcher committed to building resilient, intelligent, secure systems. Seeking an entry-level Cybersecurity Analyst / Security Engineer role.

TECHNICAL SKILLS

- Cybersecurity & Ethical Hacking: Vulnerability Assessment, Penetration Testing, Intrusion Detection/Prevention (IDS/IPS), Threat Intelligence, Threat Hunting, Incident Response, Risk Analysis, Digital Forensics, Malware Analysis, OWASP Top 10, MITRE ATT&CK, Cryptography Fundamentals
- Security Tools & Platforms: Nmap, Wireshark, SQLmap, Metasploit, Burp Suite, SOC Dashboard Design, SIEM Fundamentals, Log Analysis
- Network & Systems Security: Firewall Configuration, VPN, IAM, Zero Trust Principles, Endpoint Detection & Response (EDR) fundamentals, Windows, Linux
- Security AI/ML: Anomaly Detection, Predictive Threat Modelling, Explainable AI (XAI), Behavioural Biometrics, Scikit-learn, Pandas, NumPy, TensorFlow/Keras
- Programming & Development: Python, Java, JavaScript, HTML, CSS, C, PHP, R, SQL, Flask, REST APIs, Android SDK
- Databases & Compliance: MySQL, SQLite, Database Security, Data Privacy Fundamentals, Git/GitHub, Version Control

PROJECTS

BLCD Real-Time IDS — AI-Based Intrusion Detection System | *Python, Machine Learning, Network Security*

- Achieved high-accuracy classification of live network traffic by engineering a real-time Intrusion Detection System (IDS) in Python, training and validating ML models on benchmark security datasets.
- Accelerated threat detection and response by implementing an optimized real-time packet-analysis pipeline that flags malicious network activity as it occurs.
- Strengthened code security and peer review by publishing the project as an open-source, modular repository with documented detection logic. GitHub: github.com/bruceleethehacker/BLCD-RealTime-IDS

PRECRIME — AI-Based Predictive & Preventive Cybersecurity System | *Python, ML/DL, IDS/IPS (Jan 2026 – Present)*

- Detected and classified real-time cyberattack categories across 1M+ network records by training and validating hybrid ML/DL models on CIC-IDS2017, UNSW-NB15, and CERT datasets.
- Accelerated incident investigation and response by implementing anomaly detection, dynamic threat scoring, and Explainable AI (XAI), and designing an interactive SOC dashboard for real-time monitoring.

Digital Behavioural Authentication System | *Python, Flask, SQLite, Machine Learning (Apr 2026 – May 2026)*

- Strengthened identity-verification security by architecting a real-time behavioural-biometric authentication platform using 20+ features (typing speed, keystroke timing, scroll/swipe dynamics, touch pressure).
- Reduced unauthorized-access risk by replacing static one-time passwords with continuous, always-on authentication logic, while optimizing the ML pipeline to deliver predictions in under 2 seconds.

CORE COMPETENCIES

Incident Response & Risk Analysis • Analytical Problem-Solving • Strategic Communication & Cross-Functional Teamwork • Rapid Adaptability & Continuous Learning • Multilingual: English, Tamil, Kannada

EDUCATION

Bachelor of Computer Applications (BCA)
Sri Chaitanya Degree College, Ballari — 2026
SGPA: 9.69 | CGPA: 8.7