Harshan Babu

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○ Harshan B   🔗 Official Site

🪪 PROFILE

Cybersecurity enthusiast with a strong foundation in full-stack development, specializing in secure application development and information systems security. Combines hands-on experience in web development (React.js, full-stack) and UI/UX design with growing expertise in threat detection, security operations, and vulnerability assessment. Skilled at identifying security flaws in web applications and implementing defensive security measures. Passionate about bridging the gap between development and security to build robust, secure systems from the ground up.

🎓 EDUCATION

Msc Information Systems   2025 – Current
University Of Portsmouth   Portsmouth, United kingdom

BSc Computer Science   2021 – 2024 | coimbatore, India
Rathinam College Of Arts And Science
  Specialization of Cloud Technology & Information Security

🧠 TECHNICAL SKILLS

Operating Systems Windows & Linux	**Ethical Hacking**	**Metaspolit**	**Cryptography**
	SQL	**Wireshark**	**Python**
Nmap	**Stenography**	**Web Design**	**Digital Forensics**
Penetration Testing			

🧠 SOFT SKILLS

Team Worker	Problem Solver
Situation Handling	Time Management
Anger Management	Adopt to Situation

📑 CERTIFICATES

- Ethical Hacking
- Introduction to Dark Web, Anonymity and Cryptocurrency
- Critical Infrastructure Protection Fundamentals [OPSWAT] ⊡

- Ethical Hacking Essentials[EHE] CODERED
- Oracle Cloud Infrastructure 2023 Foundations Associate

- General Linux Administration [CSI LINUX]
- CSI Linux Certified Investigator

- Network Defence Essentials(NDE)
- The International Cyber Threat Force

📁 PROJECT

Metaspoliting android phone
What exactly does it do?
   Security testing framework for Android vulnerability assessment, Remote access implementation using Metasploit
and ADB, Demonstrates mobile security risks and penetration testing techniques

ANPR identifying un-registered number plate
finding un-registered number plate
   Computer vision system identifying unregistered vehicles, 95% accuracy in license plate detection and OCR,
Integrated with vehicle registration database
   • Tech Stack: Python, OpenCV, Machine Learning, Database

System Information Gathering & Penetration Testing Suite
- Advanced security assessment toolkit combining USB-based automated system reconnaissance with network
  vulnerability scanning capabilities for authorized penetration testing and security auditing
- Automated USB-based reconnaissance tool that collects comprehensive system information including network
  configuration, installed software, drive space, and user data upon device insertion with remote data exfiltration
  capabilities

DRIFT Enterprises - Full-Stack E-Commerce Platform
Modern React-based e-commerce application with Firebase backend featuring complete shopping functionality,
admin dashboard with 11 management pages, real-time data synchronization, and fully responsive design across all
devices

Harshan Cabs - Responsive Taxi Service Website
Single-page React application for taxi service booking with interactive tour packages, real-time form validation, scroll
animations, WhatsApp integration, and mobile-optimized responsive design for seamless user experience

🏠 INTERNSHIP

Cyber Security intern done in Skill Vertix

GOVT Cyber Crime CBE
Security Officer

🖥 AREA OF INTREST

Full Stack Development

Cyber Security

Information System