

# HRISHEEKESH PV

< Security Engineer >

📍 Kerala, India • ✉ hrisheekeshpv.cy23@jecc.ac.in 📞 +91 8075 229 774 🌐 Rizzy1857

## SKILLS

### Languages

Python Rust C/C++ Java

### Security Tools

Wireshark Bettercap Metasploit

Volatility Burp Suite

### Platforms & IDEs

Linux Git VS Code

## EDUCATION

### B.Tech in Cybersecurity

Jyothi Engineering College

📅 2023 – 2027 (Exp)

📊 CGPA: 7.04

Coursework: Network Security, Cryptography, Operating Systems.

## CERTIFICATIONS

- **CompTIA CySA+**  
Infosys Springboard | July '25
- **Fund. of Cryptography**  
Infosys Springboard | June '25
- **Info Security A-Z**  
Infosys Springboard | July '25
- **Intro to Cybersecurity**  
Cisco Academy | Dec '24

📁 [View Certificate Drive](#) →

## LANGUAGES

English (Professional)

Malayalam (Native)

Spoken: Hindi · Tamil · Kannada

## // PROFILE

**Security Tool Developer** specializing in **Network Forensics** and **Adversarial Deception**. Creating a unique **adaptive honeypot framework** and custom traffic analysis engines designed to expose adversarial TTPs. Bridges the gap between low-level systems programming (Rust/C++) and security operations to build resilient defense architectures. Targeting internship roles to deploy detection engineering capabilities.

## // EXPERIENCE

### CTF & Bug Bounty Coordinator

Jan 2026

[Jyothi Eng. College](#)

- Organized a college-funded cybersecurity competition with an **8,000 INR cash pool**.
- Deployed scalable event infrastructure: Bug Bounty platform on **Azure**, CTF backend on **Render**, and frontend on **Vercel**.
- Managed event logistics and server reliability for seamless competition uptime.

### Project Exhibitor (Vyvidh '25)

Feb 2025

[Vidya Academy of Science](#)

- Showcased the "FinShield" Credit Risk prototype at the EMMERZO '25 exhibition.
- Recognized for innovation in applying **Glass Box AI** to financial risk assessment.

### Cyber Awareness Facilitator

Dec 2025

[4+ Schools across Thrissur \(Outreach\)](#)

- Conducted workshops for 7th graders on Ransomware, Dark Web, and data security.
- Teaches how to **secure one's account** and easily detect most security breaches.
- Guided hands-on defense labs: breach checks (HIBP) and 2FA setup.

### Backend Developer Intern

Jan '25 -- Feb '25

[KBA, Trivandrum](#)

- Worked on "Coursemate", a student course enrollment system.
- Gained experience in web development fundamentals and collaborative workflows.

### Security Awareness Lead

Oct 2024

[Jyothi Eng. College](#)

- Hosted "Phishermen," demonstrating **MITM attacks using Bettercap** in real-time.
- Educated peers on personal data hygiene and real-time spoofing mitigation.

## // PROJECTS

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### Mirage / Apate

Nov 2025

</> Cognitive Deception Framework

[GitHub](#)

- Developing an AI-driven framework to generate adaptive honeypots for threat intelligence.
- Engineered to mislead attackers and analyze behavior patterns in real-time.

### PacketProbe

Feb 2025

</> Lightweight Network Analyzer

[GitHub](#)

- Real-time network traffic analyzer that captures, parses, and visualizes packets.
- Helps users understand packet structures and headers via protocol inspection.

### ArteFact

2025

</> Modular Cybersecurity Toolkit

[GitHub](#)

- Designed for forensic tasks: metadata inspection and packet parsing.
- Written in Python for experimentation with malware traces.

## // HACKATHONS

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### NASA Space Apps Challenge

Oct 2024

[International Participant](#)

- Developed an **interactive website** to visualize and solve galactic challenges.
- Collaborated to address issues facing Earth and space using open data.

### FinShield Hackathon 2025

Sept 2025

[IIT Hyderabad \(Top 9\)](#)

- Developed a credit risk model using a **Glass Box AI engine** and **SHAP**.
- Secured **Top 9** position in a national financial security hackathon.

### Hack Quest '25

Oct 2025

[Rajagiri School of Eng.](#)

- Participated in a 24-hour national-level cybersecurity hackathon.
- Solved complex security challenges in a competitive environment.

## // INDUSTRIAL VISITS

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### Avodha Edutech

Feb 21, 2025

[Infopark, Kochi](#)

- Gained practical exposure to industry-standard software development operations.
- Analyzed workflows to align academic cybersecurity concepts with professional requirements.