

# SHRI RAM MATHIVANAN RANI VALENTINA

Phone: 9080707934 — Email: mrshriram19@gmail.com

LinkedIn: linkedin.com/in/shriram19 — GitHub: github.com/Shriram1906

## Summary

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Cybersecurity student with a solid grounding in Python, Linux, and core security concepts. Actively building skills in ethical hacking, threat analysis, and security tooling through academic projects and hands-on practice. Focused on developing practical, real-world competence rather than just theoretical knowledge. Interested in the intersection of cybersecurity and AI, especially its applications in threat detection and automation. Driven to contribute to stronger security practices and help organizations reduce risk in an increasingly hostile digital environment.

## Education

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### **B.E. Computer Science and Engineering (Cyber Security)**

Vidyaa Vikas College of Engineering and Technology

Graduation: 2027

CGPA (till 4th sem): 8.2/10 (April-May 2025)

## Technical Skills

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**Programming Language:** Python, Java, C

**Cybersecurity:** Kali Linux, Networking Fundamentals, Ethical Hacking Basics, Vulnerability Scanning

**AI & Machine Learning:** Practical use of Generative AI tools, beginner-level ML concepts

**Tools & Platforms:** Microsoft Office, Streamlit, GitHub

**Professional Skills:** Public Speaking, Client Management, Communication, Presentation

## Projects

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### **Forecasting House Prices Using Regression Techniques**

- Built Linear Regression and Random Forest models using the Ames Housing dataset.
- Achieved strong prediction accuracy with Random Forest.
- Implemented and tested in Google Colab.

### **SMS Spam Detection System**

- Developed ML classifier to detect spam vs ham SMS.
- Highlighted suspicious keywords affecting classification.
- Added reporting workflow linked to Sanchar Saathi website.
- Deployed as a Streamlit application.

## Experience

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### **Intern – Generative AI** - AdroIT Technologies Innovative Solutions Pvt Ltd

- Completed 10-day internship on AI and ML fundamentals.
- Deployed the SMS Spam Detection System using Streamlit.

### **Intern – Cyber Security** - Extol Tech Solution (AICTE, Skill India)

- Completed 15-day Cyber Security internship.
- Worked on ethical hacking basics, reconnaissance, and vulnerability scanning tools.

### **Client Manager (Part-time)** - Rexora Solutions

- Managed client communication and coordinated service requirements.
- Strengthened relationship management and communication skills.

## **Certifications**

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- Practical Cyber Security for Cyber Security Practitioners – NPTEL (Elite + Gold)
- Foundations of Cybersecurity – Google (Coursera)
- Automate Cybersecurity Tasks with Python – Google (Coursera)
- Strategies for Cloud Security Risk Management – Google Cloud Skills Boost
- Detect, Respond, and Recover from Cloud Cybersecurity Attacks – Google Cloud Skills Boost
- Itronix Cybersecurity Analyst Professional Certification
- Mastercard Cybersecurity Job Simulation – Forage

## **Volunteering & Leadership Experience**

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### **Event Registration Volunteer – Vidyam2K25**

- Verified participant registrations and managed ID/card distribution
- Helped maintain a smooth and organized registration process.

### **Class Representative (2023–2024)**

- Coordinated communication between students and faculty.
- Managed class updates, notes, and timetable information.