

# KARANAM SRIRAM

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Andhra Pradesh | +91 63014 24144 | sriramkaranam56@gmail.com

LinkedIn: <https://www.linkedin.com/in/t-deva-bb2187263/>

## PROFESSIONAL SUMMARY

Aspiring Cyber Security Analyst with practical experience in threat analysis, phishing detection, URL analysis, dark web monitoring, and machine learning-based security models. Strong understanding of SOC operations, cloud security, network security, and intrusion detection. Seeking to contribute to an entry-level cyber security role with strong analytical and technical skills.

## EDUCATION

### **B.Tech – Computer Science & Engineering (Cyber Security)**

Sathyabama University | Expected 2025 | GPA: 7.08

### **Intermediate (MPC)**

Narayana Junior College, Vijayawada | Jun 2021 | 47.1%

### **SSC**

Sri Prakash Vidyanikethan | Mar 2018 | GPA: 7.3

## TECHNICAL SKILLS

**Languages:** Python, Java, SQL, HTML

**Tools:** Network Security Tools, Cryptography Tools, Database Tools

**Technologies:** Cloud Computing, IDS/IPS, Machine Learning, URL Analysis

## INTERNSHIP EXPERIENCE

### **Cyber Security Intern – Jan 2023 to Jun 2023**

- Conducted cyber analysis & investigation on process technology systems.
- Developed ML-based phishing URL detection models using Python & AWS.
- Analyzed attacker manipulation techniques used in phishing campaigns.
- Implemented ML scripts for malicious URL classification.

## PROJECTS

### Dark Web Threat Detection using Machine Learning

- Built ML-based threat detection models for dark web activities.
- Designed deep learning models to improve threat classification accuracy.
- Used multimodal fusion to enhance detection resilience.
- Technologies: Python, Java, CSS

### Identifying Phishing Websites through URL Analysis

- Developed ML-based system for phishing URL detection.
- Implemented neural networks, decision trees, and ensemble classifiers.
- Achieved high accuracy using hybrid ML methods.

## CERTIFICATIONS

- Machine Learning – NPTEL (Apr 2023)
- Machine Learning & Cyber Security Rules – IBM (Dec 2024)
- Data Analysis Using Python – IBM (Dec 2024)