Parthan VA

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CAREER OBJECTIVE

Motivated Computer Science graduate currently pursuing an M.Tech in Information Security at the College of Engineering Trivandrum (CET). Possess a strong foundation in programming, software development, network security, vulnerability assessment and cybersecurity. Seeking an entry-level role where I can apply my technical knowledge and continuously enhance my skills while contributing to the organization's growth.

SKILLS

Tech Skills: HTML | CSS | Python | MySQL | Network Security | Networking Fundamentals | Cyber Security| Cryptography

Soft Skills: Creative Thinking | Problem Solving | Time Management | Leadership | Decision Making

EDUCATION QUALIFICATION

- **M.Tech specialized in Information Security** (2025 – 2027, Expected)
  College of Engineering Trivandrum (CET).
- **B.Tech in Computer Science & Engineering** (2019 – 2023)
  Heera College of Engineering and Technology.
  CGPA :- 6.62

INTERNSHIP

Cyber Security (June 2026 – July 2026)
Srishti Innovative

- Performed VAPT and network reconnaissance using Nmap.
- Worked with Linux/Kali Linux for vulnerability assessment and penetration testing.
- Gained hands-on experience in SIEM, log analysis, and threat monitoring.
- Prepared security assessment reports.

PROJECT

Integrated Cybersecurity Monitoring and Threat Detection System

- Implemented a Python-based threat detection system integrating network scanning, traffic analysis, firewall monitoring, and SIEM dashboards.
- Technologies: Python | ELK Stack | Nmap | Wireshark | Docker | Ubuntu | Kali Linux

Employment Management System

- Developed web-based employee management for managing employee records and attendance.
- Technologies**:** Python, MySQL, HTML, CSS

D-SENSE: Anti-Spoofing Biometric Framework

- Developed an AI-based biometric anti-spoofing system using frequency-domain liveness detection and Honey Encryption to protect biometric data.
- Technologies: Python, TensorFlow, OpenCV, Machine Learning, Cryptography

Image Compression using K-Means Clustering

- Implemented K-Means clustering to compress digital images while preserving quality.
- Technologies: Python, NumPy, Scikit-learn, OpenCV

Spam Message Classifier

- Built a machine learning model to classify SMS messages as spam or legitimate using the Naïve Bayes algorithm.
- Technologies: Python, Scikit-learn, Pandas

ADDITIONAL EXPERIENCE

Process Associate | **Ecesis** June 2024 – July 2025

- Managed daily operational tasks while maintaining high accuracy and quality standards.
- Monitored and processed email communications from international clients.
- Reviewed and prioritized incoming emails while maintaining quality and service standards.

ACHIEVEMENTS

- Newbie of the Quarter – Ecesis (Process Associate)
- Employee of the Quarter – Ecesis (Process Associate)