



GOPIKA RANI G

OBJECTIVE

To commence a career as a novice and utilizing analytical abilities to foster the company's expansion while staying current through involvement in multiple projects. Skilled in software development, Python, cybersecurity, and IoT. Experienced in designing solutions like an Intelligent Two-Layer Intrusion Detection System. Strong in problem-solving and project analysis.

TECHNICAL SKILLS

PROFICIENT IN

- PYTHON
- SQL
- Microsoft Excel
- HTML
- CSS
- REACT
- BOOTSTRAP

FAMILIAR IN

- ML
- Java
- Power BI
- Git

PROJECT

Two-Layer Intrusion Detection System for IOT

- Developed an AI-driven Intrusion Detection System (IDS) using CNN and RF to detect DDoS attacks and other intrusions in IoT networks.
- Analyzed network traffic with Wireshark, improving attack detection accuracy using machine learning (ML) and deep learning (DL) techniques.
- Enhanced IoT security by identifying abnormal traffic patterns and mitigating DDoS threats before they disrupt services

CERTIFICATION

Internship python-(2024)


· RoboMiracle Technologies Private Limited.

Presented a paper on cloud computing - (2024)

ICACTIS'24, Mary Matha College of Arts and Science


First Prize in LINGUA TALENTIA'23 competition

Nadar Saraswathi college of Arts and Science

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 3/3 Pandian oil mill
street police station
opposite theni

Education

Bachelor of computer science

Nadar Saraswathi College of

Arts & Science

2022 - 2025

HSC

Nadar Saraswathi Girls of Higher

Secondary School

2022

SOFT SKILLS

Communication

Domain Knowledge

Analytical Reasoning

Language

English