



# Isaac Natarajan

## Cybersecurity Analyst

I am a cybersecurity enthusiast who has experience with vulnerability assessments, penetration testing, and threat analysis. I have knowledge of Metasploit, Burp Suite, Nmap, Wireshark, Splunk (SIEM), REMnux, and FlareVM. I am adept at Python and Bash scripting, with CEH training completed and certification on the way. I also have experience in offensive and defensive security, including malware analysis, CAPA, and incident response, and in applying ISO 27000 framework principles for enterprise security.

### CONTACT

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 Sharjah, UAE

### EDUCATION

#### Sathyabama University

Bachelor of Computer Science spl with AI & ML

2021 - 2025

### EXPERTISE

AI & ML Tools

Offensive security

Defensive skills

Scripting

Security frameworks

Soft skills

### LANGUAGE

English

Tamil

Malayalam

### WORK EXPERIENCE

Machine Learning Intern Jan 2020 – Feb 2024  
Prodigy Infotech

I was involved in a project classifying Dogs vs. Cats. From this project, I received hands-on experience applying deep learning using CNN's. I executed image pre-processing steps: image draws, image resize, normalization, and dataset split. I evaluated model performance metrics for accuracy and loss. I improved classification quality through hyperparameters and model tuning.

Data Science Intern Jul 2023- Oct 2023  
ExcelR Solutions

Normalized and cleaned the data to ensure correctness and comply with appropriate standards for meaningfulness and accuracy. Managed outliers to preserve data consistency and support standardization. Implemented appropriate machine learning methods to model liver disease prediction. Optimized model performance according to dataset goals and problems.

### CERTIFICATES

**Linux 100: Fundamentals** - TCM Security

**Pre-Security** - TryHackMe

**Cyber Security 101** - TryHackMe

**Oracle Cloud Infrastructure** - Oracle

**CEH & APT** - "Ongoing"

### ADDITIONAL INFORMATION

- Currently residing in Sharjah under parent visa sponsorship.
- Driving License in progress.