

Internship

Tata Cybersecurity Security Analyst Job Simulation on Forage

January 2025

- Tackled real-world cybersecurity challenges and security strategies and crafted custom IAM solutions
- Identified and mitigated security vulnerabilities by implementing strong IAM policies and access controls. Acquired practical experience in Identity and Access Management (IAM).
- Analyzed real-world cybersecurity threats, utilizing Linux security tools to detect and mitigate attack vectors.
- **Tech stacks used:** IAM tools, Linux Operating System

Projects

Deepfake Image Detection

January 2025 – February 2024

- Developed a deepfake detection model using deep learning to identify manipulated media.
- Integrated OpenCV and TensorFlow for image preprocessing and feature extraction
- Engineered an API with Fast API for real-time deepfake analysis.
- Tech: Python, Postman, VS Studio

Flight reservation system:

June 2024 – July 2024

- Developed a comprehensive flight reservation system using Data Structures and Algorithms (DSA) in Python
- Enhanced booking functionality with efficient searching and sorting algorithms
- Optimized user-friendly interfaces for an improved user experience
- Ensured reliability and performance through thorough testing
- Tech: DSA, Python, Algorithms, VS Studio

Certificates

Cyber Security Analyst

January 2025

Forage

Data structures and algorithms

July 2024

CSE Patashala

Technical Skills

Languages: Java

Technologies/Frameworks: Linux Operating System, Nmap, Kali Linux, Metasploit

Skills: Linux Commands, Problem-Solving, Project Management, Supportive and Friendly

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering

Jalandhar, Punjab

Sasi junior college

2020 – 2022

Intermediate — Percentage: 88%

Velivennu, Andhra Pradesh

Sasi E.M High School

2019 – 2020

Matriculation — Percentage: 86%

Kanuru, Andhra Pradesh