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https://niranjanjoker.github.io/Portfolio/

Niranjan Surya Prasad R P

Technical Skills: Python, SQL, Wireshark, VAPT, Burpsuite, Nmap, MSF, GRC, SIEM, IAM, AWS CLI, Network Security.

Certification:

- Certified Ethical Hacker MASTER v12 from **EC-Council (Nov 2023)**
- AWS Certified Cloud Practitioner from **AWS (Dec 2022).**
- Network Defense Essentials from **EC-COUNCIL (April 2023).**
- Junior Cybersecurity Analyst Career Path from **CISCO (May 2023).**
- Blockchain from **Coursera (May 2023).**

EDUCATION			
Board	**Tenure**	**Educational institution**	**CGPA/Percentage**
B. Tech (CSE) Cyber	Jun 2020 – Ongoing	VIT Bhopal	8.59/10
Class XII	May 2020	Velammal Vidhyashram, Surapet (CBSE)	90.8%
Class X	May 2018	Smt. Durgadevi Choudhary Vivekananda Vidyalaya (CBSE)	84.8%

ACADEMIC PROJECTS	
Cybersecurity	▪ **Intelligent Intrusion Detection based on Deep Learning Approach** (July 2022 – Dec 2022) - Description: This Project combines Correlation-based Feature Selection (CFS) and Convolution Neural Network (CNN) classification to give an efficient intrusion detection approach with high accuracy. - Features: ➢ Feature Extraction using the **Correlation-based principle**. ➢ Network traffic classification using **CNN** - Skills: Python, TensorFlow, Pandas, Sklearn, Deep Learning, IAM, SIEM. - Link: https://github.com/NiranjanJoker/Intelligent-Intrusion-detection-based-on-Deep-Learning-Approach
IoT Embedded Systems & Cloud Computing	▪ **Location-based Dynamic toll-tax system** (Dec 22 – Ongoing) - Description: Dynamic Toll tax collection system using a GPS module in Raspberry Pi with a pay-as-you-go principle. This allows the passengers to pay toll tax only for the road they have used. - Features: ➢ **AWS Cloud integration** for toll estimation using serverless **Lambda function** ➢ User Database Management (Cloud) on **AWS S3 storage.** ➢ Automated fee detection (Recurring Payment) - Skills: Raspberry Pi, Python, AWS, Sensors, IoT, MQTT, DLP on Cloud Infrastructure, logging. - Link and Results: https://github.com/NiranjanJoker/Location-based-Dynamic-toll-tax-system-
Cybersecurity	▪ **Phishing Website Detector Application using Android Studio** (Jun 21– Dec 21) - Description: This Application classifies the URL links based on **Address bar-based features** to detect Phishing websites. Users enter the URLs in the app to check whether it is a phishing link. - Features: ➢ It's completely offline and user-friendly. - Skills: JavaScript, XML, Addressbar features, UI/UX design, Python, Java, Android Studio. - Result: https://github.com/NiranjanJoker/Phishing-link-Detection-App-based-on-Address-based-features

EXTRA-CURRICULAR AND ACHIEVEMENTS	
Achievements	▪ 5 stars in SQL & Problem Solving – HackerRank ▪ Talent Award 2018 & 2020 from Bimetal Bearings LTD.
Responsibilities	▪ Student Coordinator in Experimental Learning Industrial Visit (Chennai). ▪ Technical team, CyVIT (Jun 21-Dec 21).
Extracurricular	▪ Nature and trekking club. ▪ Participant, Hackathon (Infosys) (Dec 20)

ADDITIONAL INFORMATION	
Hobbies	▪ Swimming, Badminton, Skating.
Languages	▪ English, Tamil.