

Yuvraj Shekhar

syuvraj1999@gmail.com • (+49) 15560 763530 • [LinkedIn](#)

EDUCATION

IU International University of Applied Sciences

Berlin, Germany

M.Sc. Computer Science: October 2024 – Present

University Visvesvaraya College of Engineering

Bangalore, India

Bachelor of Engineering in Electrical and Electronics Engineering: June 2021

INTERNSHIP EXPERIENCE

Sectrio, Ltd - A Division of Subex, Intern, February 2021 – August 2021

Bangalore, India

1. STIX (Structured Threat Information Expression) Visualizer

Developed an interactive JavaScript-based visualization tool for JSON data, enabling file uploads, downloads, and a secure login system with account deactivation for expired trials, which enhanced threat intelligence research and analysis for end-users.

2. Threat Map Dashboard

Built a dynamic dashboard with real-time graphs, charts, and a threat map, along with CSV download functionality, to streamline data visualization and analysis for the SOC team.

WORK EXPERIENCE

Sectrio, Ltd - A Division of Subex, Senior Software Engineer, Sept 2021 – Sept 2024

Bangalore, India

1. CTI (Cyber Threat Intelligence) API

Researched STIX format, resolved SIEM integration issues, implemented pagination, and developed new APIs, delivering a global CTI API for seamless threat intelligence data retrieval.

2. Honeypot Process

Integrated network/IDS tools into automated scripts, customized Snort and Tshark for targeted sample analysis, and processed diverse data sources, enabling the research team to enhance sample segregation and honeypot efficacy.

3. Decoy and Deception Hub

Conducted research on ESXI, VirtualBox, and networking to automate command execution and IP assignment for decoy machines, enabling streamlined deployment and integration of custom decoy environments across customer networks to reinforce security posture.

4. Data Breach and Dark Web Monitoring System

Developed backend scripts with regex for processing various file types and monitoring the dark web to identify breached data. Created a GUI for login, breach detail search, and file preview, facilitating secure storage and retrieval of breach information.

SKILLS

Programming: Python, JavaScript, C, C++, HTML, CSS, Django, React, SQL, MongoDB.

IT: Linux, Shell (Bash), Apache, Docker, Postman, Git, Microsoft Office.

Soft Skills: Time Management, Teamwork, Documentation, Engaging Presentation.

Problem Solving: Proficient in solving algorithmic and coding challenges on platforms like LeetCode, having successfully tackled over 400 problems to date. (<https://leetcode.com/syuvraj1999/>)

Languages: English, German(A1)

UNIVERSITY SERVICE

Placement Co-Ordinator, May 2020 – November 2020

Bangalore, India

- Orchestrated the hosting of on-campus placement events, demonstrating adept management in coordinating schedules, maintaining constant communication with companies, and ensuring that every student receives optimal job offers.

EXTRA CURRICULAR ACTIVITIES, ACHIEVEMENTS & AWARDS

- Hold 1st Degree Black Belt in Taekwondo (Martial Arts)
- Consistently recognized at the workplace, I have received multiple awards every year since joining. Notable accolades include the Game Changer Award in 2021, Customer Kudos Award in 2022, and the Extra Mile Award in 2023.
- Achieved a silver medal in the U-74kg category at the 2023 & 2024 State Taekwondo Championships.