

About me

I am a C++ and Python developer. I have expertise in data encoding, decoding, encryption, and decryption of autonomous vehicle sensor data. I also have six months of experience with SOC in the cyber security domain. I have good problem-solving and quick learning skills.

Career Objective

I am highly interested in the domain of cyber security, especially Malware development & Exploit development. Red-teaming and SOC are my favorite domains in cyber security.

Technical Expertise

C++ 11,14,17

Python

C

CMAKE

QRADAR

Skills / Exposure

Bash/Shell Scripting

IPS & IDS (SNORT & Suricata)

Ubuntu & Windows

Make

Kali linux

TCP/IP

ESXI, VMware

ML & DL

CMAKE

SQL

Mongo

Data encoding

Data decoding

Methodology / Approach

Agile

Test Driven Development

CI & CD

Tools

Git

VS Code

Redmine

Jenkins

Burp suit

NMAP

SQLMAP

NIKT0 & NESSUS

Wireshark

meterpreter & Metasploit

Honeypots

Education

BS Computer Science & , MS Cyber Security

Air University Islamabad Pakistan | MSCYS Cont...

Secured: BSCS = 3.01 & MSCYS = 3.47

Experience

Sedenius Technologies Pvt Ltd

Development Engineer C++

March 2022 - Present

8 Months

Working as a Development Engineer with Sedenius technologies in which we work on various vehicle sensor data like data encoding, decoding, conversion, etc.

Playing a key role in the project of CARIAD GMBH.

Working on autonomous vehicular sensor data like CAN, CANFD, FLEXRAY, ETHERNET, SOMEIP, Gensys ADMA, UDP, TCP packets.

Confidential

Cyber Security Research Officer (SOC)

October 2021 - March 2022

6 Months

Confidential

Freelancer

Backend Developer Python & C++

2019 - present

3 Years

Working as a backend developer on Fiverr and Upwork in which python automation, Data analysis, data crawling, data encoding, and decoding of sensor data.

Cyber Techno Sys

Internship | WordPress Developer

March 2018 - August 2018

6 Months

Work with Cyber Techno Sys as a graphics designer and WordPress developer.

Freelancer | Graphics Designer

Graphics Designer

2018 - 2019

1 Years

Provides my services as a graphics Designer on Upwork and Fiverr.

Key Projects / Involvements

SPY USB (USB Plugin Detector) [Python, In progress]

Dark web Data Crawler (open source project, FYP BSCS) [Python]

Student attendance management system (SAS) [C++]

C++ String Class implementation [C++]

Online quiz Management System [C++]

Runtime Chatting Application [C#]

Pushto language parser [Python]

Cancer Reoccurring detection using ML [Python]

Automate GitHub tool [Python]

Binary Raw signals to Integer converter [Python]

AES algorithm implementation and CTF [Python]

Date Calendar Agenda implementation [C++]

Surgical tool classifier [Python]

Guess and pick Memory Game [Python]

Incident Management System [Python, Django]

Certificates and Awards

Master of CMAKE

Python Crash Course by Google

Complete Malware analysis for beginner

Privilege Escalation for Linux and windows by TCM

Secure 8th Position in Pakistan Cyber Hackathon 2021

Best Programmer and Bridge binder NUST EME.