

SHIYAD A

Masters of science in computer science, Specialized in cyber security

@ shiyad_sg@outlook.com
in linkedin.com/in/shiyad-a

+91 9539354962
github.com/shiyada

Kerala,India
skype live:shiyad_sg

SKILLS

CYBER SECURITY

- Expertised in Metasploit, Nmap.
- Worked with Wireshark, BurpSuit and Zap proxy.
- Reverse engineering tools like GDB, apktool, jad-jui.
- Worked with Various Various Vulnerability assesment tools like Nessus, Open source Scanners .
- Focused in Mobile Application security and web application security.

AUTOMOTIVE SECURITY

- Worked with Threat modeling using Microsoft threat modeling Tool.
- Worked with Can message security in ECU's.
- Matlab with vehicle network toolbox.
- CAN message Authentication.

Internet Of Things

- Expertised in ESP8266, Arduino, Raspberry Pi and Autodesk EAGLE.
- Former Maker at Cisco Thingbator.
- Cohort1 and Cohort2 member in Cisco Thingbator.

FULL STACK WEB DEVELOPER

- Experienced In Various Front end , Back end Technologies like HTML, CSS, JavaScript, Angular js, Python flask, php with Framework Code Ignitor, Mysql and Mongo-DB .

ANDROID DEVELOPER

- Android Developer Using the Android studio.
- Expertised In Developing Services.
- Api Integration.
- Languages Java, Kotlin and Xml.

EXPERIENCE

Internship Trainee


- Internship Trainee at Tata elxsi worked in Automotive Cyber security.
- Jan 2020 - Jul 2020

Field Assistant









- Summer Intern at Appfabs as Python Developer and Angular js.
- mar 2019 - jul 2019

TECHNICAL SKILLS



PROGRAMMING LANGUAGES

C 
Python 
Java 












FULL STACK DEVELOPER

HTML 
CSS 
JAVASCRIPT 
PHP 
MySql 
Angular 
Php-code Ignitor 
flask 
Mongo-DB 
bootstrap 

ANDROID DEVELOPER

Android Studio 
Java 
kotlin 
XML 

CYBER SECURITY

Metasploit 
N-map 
Sqlmap 
Nessus 
Wireshark 
Burp suit 
ZAP Proxy 
GDB 
apk tool 
Jad-gui 
Aircrack-ng 

IOT-Internet Of Things

ESP8266 
Arduino 
Raspberry Pi 

Containers

Docker 

Intern

- Worked as Field Assistant In Mount Dilli Radar station.

EDUCATION

MSc in Cyber Security

Indian Institute of Information Technology and Management Kerala
Cochin University of Science And Technology

June 2018 – May 2020

Thiruvananthapuram

Btech in Information Technology

MES College Of Engineering
Calicut University

June 2013 – May 2016

Kuttipuram

Diploma in Electronics Engineering

SSM Polytechnic College
Board of Technical Education Kerala

June 2010 – May 2013

Tirur

PROJECTS

CAN MESSAGE AUTHENTICATION

- Ensure the communication security in CAN protocol.
- Project Done under Tata Elxsi.
- Used Matlab and simulink.
- Worked with CAN message Authentication with the classical and extended CAN frames.

FRIENDS TRACKER

- An android application.
- Which used to get easiest path between 2 persons and get the current location.
- Android studio, php, mySQL.

IOT BASED SMART ENERGY MONITORING

- A Device which can monitor energy consumpon and which can predict failure in electronic equipment's.
- Project Done under CISCO ThingQbator.
- Used Nodemcu wiFi development board.
- ESP8266,Aurdino,IFTTT,Google cloud console, Embedded programming, Fusion 360, 3D printing, PCB printing, EAGLE.

BENCH MARKING OF SUPER COMPUTING CLUSTER AND MULTI-CORE SYSTEM

- Implemented super compung cluster using desktop system.
- Bewulf cluster, parallel processing, Mulcore system me and speed comparison and reporting.

TECHNICAL SKILLS

CLOUD TECHNOLOGIES

AWS EC2
Azure



MODELING TOOLS

Matlab
Threat Modeling Tool



OPERATING SYSTEMS

MAC OS X
LINUX
WINDOWS



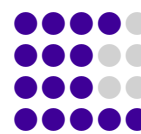
VERSION CONTROL

GIT



LANGUAGES

English
Hindi
Tamil
Malayalam



ACHIEVEMENT

GATE QUALIFIED

- Secured Graduate Aptude Test in Engineering (GATE) score 459 in 2019.

TRAINING EXPOSURE

- Finalist in AMRITHA inCTF 2018 (cyber security Hackathon).
- Cohort member of CISCO ThingQbator.
- Participation of dierent workshops related to Cyber security.
- Participation of dierent workshops related to IoT.

CTF PLATFORM

- Implemented Capture The Flag platform with Questions.
 - Flask, CTF-d.
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XSS SCANNER

- Implemented Cross Site Scripting Scanner Which Crawl the Vulnerabilities.
 - Python, Flask.
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