

SHIYAD A

Masters of science in computer science, Specialized in cyber security

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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 assessment 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 Thinkbator.
- Cohort1 and Cohort2 member in Cisco Thinkbator.

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

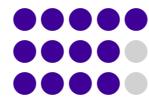
Field Assistant

- Summer Intern at Appfabs as Python Developer and Angular js.
- Mar 2019 - Jul 2019

TECHNICAL SKILLS

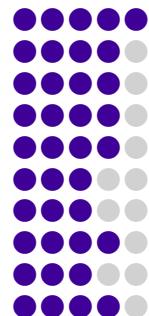
PROGRAMMING LANGUAGES

C
Python
Java



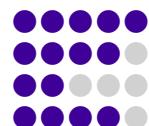
FULL STACK DEVELOPER

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



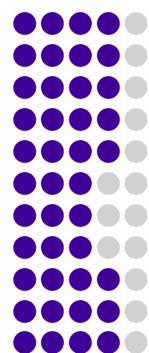
ANDROID DEVELOPER

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 consumption and which can predict failure in electronic equipment's.
- Project Done under CISCO ThingQbator.
- Used Nodemcu WiFi development board.
- ESP8266, Arduino, 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 computing cluster using desktop system.
- Beowulf cluster, parallel processing, Multicore system measurement and speed comparison and reporting.

TECHNICAL SKILLS

CLOUD TECHNOLOGIES

AWS EC2

Azure



MODELING TOOLS

Matlab

Threat Modeling Tool

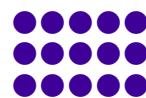


OPERATING SYSTEMS

MAC OS X

LINUX

WINDOWS



VERSION CONTROL

GIT



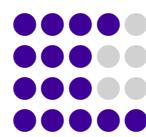
LANGUAGES

English

Hindi

Tamil

Malayalam



ACHIEVEMENT

GATE QUALIFIED

- Secured Graduate Aptitude 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 different workshops related to Cyber security.
- Participation of different workshops related to IoT.

CTF PLATFORM

- Implemented Capture The Flag plaorm 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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