



ACHANTA MANIKRISHNA

CYBER SECURITY ANALYST, INDIA

EDUCATION

MTECH CYBER SECURITY

SASTRA Deemed to be University
AUGUST 2018 - JULY 2020
GPA - 7.0

MASTER OF COMPUTER APPLICATIONS

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
JUNE 2012 - APRIL 2017
GPA - 6.6

WORK EXPERIENCE

Infosys Ltd – Full stack Developer March, 2021

- Sprint boot Backend
- React Js Front End
- Working with Git Repository
- Creating Jenkins Pipes for CI/CD
- Playing a role of Scrum Master
- Mendix Developer

DEFTeam Solutions Pvt. Ltd. - Software Engineer Jun 2017 - Dec 2017

- Designing and Testing the UI layouts of the product developed for the company internal assessment.
- Created the sample layouts using the Photoshop and implemented using Spring, Bootstrap, HTML, ANGULAR AND REACT.

INTERNSHIPS

Intern at 9th Batch of Gurugram Police Cyber Security Summer Intern Ship June – July 2021

- Email Crimes, Mobile Crimes, Financial Frauds, Web Site Hacking, Online Human Trafficking – Rakshit Tandon
- Dark Web – Amit Dubey
- Threat Intelligence, End Point Security, Cyber Security compliance and Sebi regulations – Deep Shankar Yadav
- Cloud Security and Internet of things – Amit Tiwari
- GDPR – Prasanth Mali
- Cyber Crime Investigation and Intelligence Operation – Harshit Gupta
- Cyber Space - Liad Herman
- Digital Forensics - Sashi Dhar & Santosh Khadsare
- Network Forensics – Nipun Jaswal

Center for Development for Advanced Computing – Intern May 2019 - Jun 2019

- Reverse Engineering and Documentation of C/C++ compilers for recreating code from the .exe files that are generated when compiled.
- Documenting the experimented Code and Compiler code.
- Validating the Assembly literates.

PROFILE

Cyber Security Specialist with passion for aligning security architecture plans and processes with security and business security goals. Versed in robust network defense strategies. Adept at identifying security risks and improving security architecture designs.

CONTACT

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SKILLS

ETHICAL HACKING
PENETRATION TESTING
ERECTING FIREWALLS
DATA SECURITY
DEVELOPING SECURITY PLANS RISK
MITIGATION STRATEGIES OWASP
WIRESHARK
C C++
JAVA
PYTHON
SPRING
HTML
BOOTSTRAP
ANGULAR
REACT JS
Git
Scrum
Jenkins
GRC Techniques
CCSO
CISSP
ISO/IEC 27001
Cyber Law
Digital Forensics
Mendix Rapid Developer

CERTIFICATIONS

STANFORD **Advanced** **Computer**
Security Program – 2019 / 20

Udemy CCSO

Udemy CISSP

Udemy ISO/IEC 27001

Mendix Rapid Developer

ACCOMPLISHMENTS

PROJECT 1

TITLE: Software Defined Network Performance and Protection

DESCRIPTION: Created a SDN simulation and provide strong security policies for the switch migration and evaluate the model over real time network traffic – 2020.

- Implemented using python library(flask).
- Captured real time request to the server from various hosts and calculated the average response time.

PROJECT 2

TITLE: Kerberos

DESCRIPTION: Implemented Kerberos authentication protocol manually by creating the tickets granting servers and authentication methods without using in build packages of java – 2019.

- Used no java in build packages.
- Created the tickets using the traditional methods like in MIT Kerberos.
- Authentication was done using the self-defined Cryptosystem using the inbuild encryption techniques for meeting the industrial standards.

PROJECT 3

TITLE: Automated Customized Avataring

DESCRIPTION: project is designed to help the children diagnosed with autism disorder,

by building a virtual interacting system – 2017.

- Capturing real time image of a person in front of camera which consists of infrared sensors and depth sensor.
- Capturing real time image and then rendering the images to perform actions
- using the OpenGL libraries and C++ libraries.

PROJECT 4

TITLE: Assembler

DESCRIPTION: Implemented the c language assembler that converts programming language to assembly code for the compiler to understand – 2016.