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Prajwal A



EDUCATION

B.E Computer Science and Engineering

Ramaiah Institute of Technology (RIT)

CGPA(9.22/10)

Aug '22

Bangalore

2nd PUC

Vision PU College

Percentage 92.5%

May '18

Bangalore

SSLC

Pragathi High School

Percentage 94.56%

Apr '16

Vijayapura

PROJECTS

• Plasma Donor Finder

This is a simple website where users can create account and profile . Anyone can search for plasma donors who are willing to donate they can contact them using details provided inside website. Languages(Html CSS NodeJs and mongodb)

• Tourism Reviews

React App where users can add reviews and read reviews posted by Others. Technologies used React , Node JS , Express , MongoDB , Docker , Heroku etc

• Vulnerability Scanner tool

Created a website for testing with vulnerabilities and A python script which crawls over entire website and checks for OWASP top 10 vulnerabilities using different payloads and scripts and finally generate report.

• Development of hybrid heuristic algorithm for complex optimization problems in high dimensional data clustering

Developed a new hybrid Algorithm with a combination of 3 nature based meta heuristic algorithms Artificial Bee Colony Algorithm(ABC), Differential Evolution and Whale optimization Algorithm(WOA), and future tested with objective functions and results are compared with existing algorithm's and find out that new algorithm performs better when compared with other nature based meta heuristic algorithms.

COURSES

- An Introduction to C++ (NPTEL)
- Programming Data structures and Algorithms using python (NPTEL)
- Ethical Hacking Course (Internshala)
- Learn Ethical Hacking from Scratch (Udemy)
- Network Hacking continued Intermediate to Advanced (Udemy)
- Advanced kali linux (Linked)
- Cert Prep: CompTIA Linux+ (Linkedin)
- Application Security and Vulnerability Assessment course (CySeck)
- Currently pursuing CEH Certification from EC-Council

TECHNICAL SKILLS

- **Languages:** Python, Core Java, Nodejs, HTML, CSS, JavaScript , C , C++ , PHP , Golang , Bash
- **OS:** Windows, Linux (Kali linux, Mint, Ubuntu, Parrot) , Mac Os
- **Software:** Apache, Nginx , Docker
- **Database:** MySQL, MongoDB , Postgres , Elastic Cache , Redis
- **Others:** AWS , Haproxy , Jenkins , RabbitMq , Burpsuite , Metasploit , Nmap , Nessus , SqlMap , etc
- **Skills :** Website Development , scripting tools , Solving CTF challenges

INTERNSHIPS

VAPT Intern , NCIIPC (National Critical Information Infrastructure Protection Centre)

July 2021 - Oct 2021

- Worked on making VAPT (Vulnerability Assessment and Penetration Testing) report on government Aviation Industry websites, Finance Industry websites and Power Industry websites by using various techniques and tools.

Skills: Shodan , Burp Suite , Nikto , Dirbuster , Nmap , SQLMap, ZAP proxy ,Ncat etc .

QA Engineer Intern , Eltropy

Jan 2022 - Jun 2022

- Worked on automation framework using POM and BDD approach.
- Learn't new technologies in the Testing Environment such as Selenium, Cucumber, Rest Assured.
- Successfully developed new Automated Test cases.
- Worked with accessing and verifying remote data from MongoDB, Redis and Postgres databases using ssh from automation framework.
- Worked on Jira and discovered bugs every week to communicate with the production team before major releases.
- Helped in the transition of the company product from Grails to GoLang, and monitored the application status.

Skills: Java · Manual Testing · Automation Testing · Jira · REST APIs

EXPERIENCE

SDET-1 , Eltropy

Jul 2022 - present

- Worked on Jira and discovered bugs every week to communicate with the production team before major releases.
- Participated in product deployment meetings and learnt how the application is hosted on AWS and Jenkins.
- Learned the use of Sentry and Kibana for efficient logging of runtime performance and issues

Skills: Manual Testing · Jira · REST APIs · Jenkins · Golang · Haproxy · Nginx · Redis · Postgres · Mongo · RabbitMQ · Cron Jobs · Supervisor · Filebeat · EC2 · ELB · RDS · Route 53 · Elastic Cache · Kibana · Sentry

WORKSHOPS

- Attended '**ALICE AND BOB IN CRYPTOLAND Engineers in Cyber Security**' workshop conducted by IEEE RIT .
Gained exposure to the latest best practices in the world of Cryptography .
- Attended '**Cyber Security and Ethical Hacking**' workshop conducted by Regex Software services.
Gained exposure to the latest technology in Cyber Security.

AWARDS AND ACHIEVEMENTS

- Secured 6th place in "**Grand Challenge of March for Secure code**" CTF competition conducted by CySeck.
- Top 1% Rank in TryHackme
- I have consistently been ranked in the top 10 in CEH global challenges since December.

LANGUAGES

English , Kannada, Telugu