

☎ 9945751373

✉ prajwalcbk38@gmail.com

📍 Muthuru Chikkaballapur (D) 562102

🌐 github.com/prajwalcbk

in linkedin.com/in/prajwal-a-468549196

🌐 prajwalcbk.github.io

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

Developed and maintained a Plasma Donor Finder application to help connect plasma donors with those in need ,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

Authored tourism reviews for various destinations and attractions 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 Vulnerability Scanner tool to identify and address potential security risks ,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 hybrid heuristic algorithm to cluster high-dimensional data for complex optimization problems, 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

EXPERIENCE

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

July 2021 - Oct 2021

- Conducted VAPT on government Aviation Industry websites, Finance Industry websites, and Power Industry websites
- Utilized various techniques and tools such as vulnerability scanning, penetration testing, and risk assessment to perform Vulnerability Assessment and Penetration Testing (VAPT) on diverse IT infrastructure and networks.
- Generated detailed reports on vulnerabilities and penetration testing results

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

QA Engineer Intern , Eltropy

Jan 2022 - Jun 2022

- Worked on automation framework using Page Object Model (POM) and Behavior Driven Development (BDD) approach.
- Learn't new technologies in the Testing Environment such as Selenium, Cucumber, Rest Assured.
- Created and executed new automated test cases.
- Utilized automation framework to access and verify remote data from MongoDB, Redis, and Postgres databases using ssh
- Identified bugs on Jira every week and communicated with production team before major releases
- Assisted in the successful migration of the company's product from Grails to GoLang, while ensuring seamless application performance monitoring.

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

SDET-1 , Eltropy

Jul 2022 - present

- Utilized Jira to identify and report bugs on a monthly basis to the production team prior to major releases and Participated in product deployment meetings.
- Developed and maintained Test Automation scripts in Selenium using Java, based on the Page Object Model design principles.
- Played a pivotal role in writing deployment scripts, configuring Jenkins for deployments, and managing all the configuration setup within the QA server's infrastructure.
- Actively involved in analyzing quarterly VAPT (Vulnerability Assessment and Penetration Testing) reports and providing valuable suggestions and solutions to address the identified issues.

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

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 the 'Grand Challenge of March for Secure code' CTF competition organized by CySeck.
- Top 1% Rank in TryHackme, a popular online platform for learning and practicing cybersecurity skills and techniques.
- Consistently ranked in the top 10 in CEH global challenges since December 2022.

LANGUAGES

English , Kannada, Telugu