|  |
| --- |
| **AMAL TOM PARAKKADEN**  amaltomparakkaden@gmail.com | +91-8137819187   * [LINKEDIN](https://www.linkedin.com/in/amal-tom-parakkaden/) * [MEDIUM](https://medium.com/@amaltomparakkaden) * [GITHUB](https://github.com/amaltom06/Employee-Leave-Management-System-in-PHP-MySQL) * [BLOGGER](https://amaltomparakkaden733.blogspot.com/) |

# PROFILE

I'm Amal Tom Parakkaden, an MCA student passionate about cybersecurity, blending robust software development skills with hands-on experience in vulnerability assessments and penetration testing, including expertise in Python. With a Certified IT Infrastructure & Cyber SOC Analyst certification, I aspire to lead as a CISO, guiding organizations in implementing effective security strategies to safeguard their digital assets.

# SKILLS

HTML | CSS | C | C++ | JAVA | JAVASCRIPT | PYTHON | KALI LINUX | BASH SCRIPTING | PENERATION TESTING | MYSQL |NETWORKING | DBMS | CYBERSECURITY | WAZUH | SPLUNK| EXCEL | GIT | WORD | CANAVA | BURPSUITE | TOR | NMAP | PORT SCANNING | PYHON LIBRARIES | GOOGLE DORKING

# EXPERIENCE

## INTERNSHIP | CSRBOX | IBM SKILLBUILD | AI-ML | MAY/2024 – JULY/2024

* Developed and debugged Python code under senior guidance
* Conducted unit testing and documented code for clarity and future reference.
* Collaborated effectively with team members to solve technical challenges.
* Demonstrated commitment to learning and implementing best practices in Python.

## INTERNSHIP | INTERNPE | python | MAY/2024 – JUNE/2024

* Developed and debugged Python code under senior guidance
* Conducted unit testing and documented code for clarity and future reference.
* Collaborated effectively with team members to solve technical challenges.
* Demonstrated commitment to learning and implementing best practices in Python.

## internship | plasmid | cybersecurity | oct/2023 – jan/2024

* Conducted penetration testing and vulnerability assessments using tools like Nmap.
* Identified and reported security vulnerabilities and weaknesses.
* Utilized Kali Linux and Tor for secure testing and anonymity.
* Collaborated with team to address cybersecurity issues and enhance system defences.

**PRACTICAL TRAINING | REDTEAM HACKER ACADEMY | OCT/2022-MAY/2023**

* Executed penetration testing to identify system vulnerabilities and threats.
* Generated detailed reports on findings and recommended mitigation strategies.
* Splunk and Wazuh for log management and security monitoring.
* Supported Security Operations Center (SOC) activities to enhance incident response.

**TECHNICAL SUPPORT STAFF | STACK LIBRARY SOLUTUONS | APR/2022 – SEP/2022**

* Excel functions and formulas to automate data entry and calculations.
* Generated reports and visualizations to present data trends and insights effectively.
* Collaborated with team members to streamline workflows and improve data accuracy

# EDUCATION

## MASTER OF COMPUTER APPLICATIONS | 2023-2025 | MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE | APJ-ABDUL KALAM TECHNOLOGICAL UNIVERSITY

## CERTIFIED IT INFRASTRUCTURE AND CYBER SOC ANALYST | 2022-2023 | REDTEAM HACKER ACADEMY

* BACHELOR OF COMPUTER APPLICATIONS | 2029-2022 | MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE | UNIVERSITY OF KERALA

# PROJECTS

* CHATBOT FOR COLLEGE WEBSITE |AI-ML | PYTHON | UNDER DEVELOPMENT
* BUILD A MACHINE LEARNING MODEL FOR WASTE CLASSIFICATION | IBM SKILLBUILD
* KEYLOGGER | PYTHON | [Checkout code on GITHUB](https://github.com/amaltom06/keylogger)
* WEATHER API APPLICATION | PYTHON | HTML | [Checkout code on GITHUB](https://github.com/amaltom06/Weather-API-Application)
* EMPLOYYE LEAVE MANAGEMENT SYSTEM IN PHP MYSQL | [Checkout code on GITHUB](https://github.com/amaltom06/Employee-Leave-Management-System-in-PHP-MySQL)
* FOOT PRINTING WITH NMAP | [View project report](https://www.linkedin.com/in/amal-tom-parakkaden/details/projects/1716219133982/single-media-viewer/?profileId=ACoAADP6R8YBAY9myqMmDSB0u7S-LzzMP4EnguM)
* TOR TO PROTECT YOUR SYSTEM | [View project report](https://www.linkedin.com/in/amal-tom-parakkaden/details/projects/1716219290814/single-media-viewer/?profileId=ACoAADP6R8YBAY9myqMmDSB0u7S-LzzMP4EnguM)
* NETWORK ANALYSIS | [View project report](https://www.linkedin.com/in/amal-tom-parakkaden/details/projects/1635543661734/single-media-viewer/?profileId=ACoAADP6R8YBAY9myqMmDSB0u7S-LzzMP4EnguM)
* WEB APPLICATION PENERATION TESTING | [View project report](https://www.linkedin.com/in/amal-tom-parakkaden/details/projects/1635543666105/single-media-viewer/?profileId=ACoAADP6R8YBAY9myqMmDSB0u7S-LzzMP4EnguM)
* EMOJIFY - ANDROID APPLICATION DESIGNED TO LISTEN MUSIC ACCORDING TO THE MOOD AND EMOTION
* COVID19 APP - ANDROID APPLICATION DESIGNED TO CHECK COVID-19 UPDATES AND ALL DETAILS ABOUT CORONA VIRUS

# CERTICATES AND AWARDS

* PARTICIPATION CERFICATE | PERCEPTION 2024 – 24 HOUR NATIONAL LEVEL HACKATHON HOSTED BY STUDENT CHAPTER OF AMERICAN SOCIETY OF CIVIL ENGINEERS
* PARTICIPATION CERTIFICATE | TECHXCEL MICROPROJECT CHALLENGE | IEDC
* FIRST PRIZE IN HACKATHON | BAGGED FIRST PRIZE IN HACKATHON CONDUCTED BY DEPARTMET OF COMPUTER APPLICATIONS OF MES AIMAT ALUVA
* PARTICIPATION CERFICATE | S1NGULARITY – CONDUCTED BY THE DEPARTMENT OF COMPUTER APPLICATION OF MARIAN COLLEGE KUTTIKANAM(AUTONOMOUS)
* NPTEL ONLINE CERTICATION | BLOCKCHAIN AND ITS APPLICATIONS | IIT KHARAGPUR
* CERTIFIED IT INFRASTRUCTURE AND CYBER SOC ANALYST | REDTEAM HACKER ACAMDEY
* ETHICAL HACKING ASSOCIATE | REDTEAM360
* ETHICAL HACKING ESSENTIALS | EC-COUNCIL
* MACHINE LEARNING FUNDAMENTALS | INFOSYS SPRINGBOARD
* INTERNSHIP COMPLETION CERTIFICATE | INTERNPE
* INTERNSHIP COMPLETION CERFICATE | PLASMID
* INTERNSHIP COMPLETION CERFICATE | CSRBOX | IBM SKILLSBUILD
* EXPERIENCE CERTIFICATE | STACK LIBRARY SOLUTIONS