# Faheem K

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## ● EDUCATION AND TRAINING

20/05/2023 – 29/04/2024 Calicut, India
### ADVANCED DIPLOMA IN CYBER DEFENSE RED TEAM HACKER ACADEMY

- Cybersecurity Expertise: Proficient in core cybersecurity concepts, including risk assessment, management, evaluation, and remediation.
- Advanced Security Proficiency: Hands-on experience with cutting-edge cybersecurity tools and practices, proficient in protecting enterprise security infrastructures against complex cyber threats. Skilled in ethical hacking and penetration testing in Linux environments.
- Defense Strategy Development: Competent in evaluating security architectures and devising effective remedial plans through blue teaming. Well-versed in Cyber Kill Chain methodologies and Security Operation Center (SOC) operations.
- Certification Achievement: Certified Ethical Hacker (CEH) certification from EC-Council attained through ADCD program, showcasing standardized understanding of ethical hacking and network security techniques.

**Website** https://redteamacademy.com/

2020 – 2023
### BSC.COMPUTER SCIENCE Calicut University

Studied at Calicut University, specializing in Computer Science. Covered core subjects including Mathematics, Statistics, and various Computer Science topics. Developed strong analytical and problem-solving skills, proficient in programming languages like C++, HTML, Java, and Python. Equipped with a solid foundation for tackling real-world challenges in software development and data analysis.

## ● DIGITAL SKILLS

Cybersecurity Expertise | Log Management | Intrusion Detection and Response | Forensic Analysis | Risk Analysis | Incident Handling | Penetration Testing | Vulnerability Assessment | Security Testing Tools (e.g., Metasploit, Nessus, Burp Suite) | Network Security | Web Application Security

## ● COMMUNICATION AND INTERPERSONAL SKILLS

### Soft Skills and Attributes

- Analytical Thinking
- Problem-Solving Skills
- Attention to Detail
- Communication Skills (both verbal and written)
- Teamwork and Collaboration
- Ability to Work Under Pressure

## ● PROJECTS

### Metasploitable 2

- Executed a cybersecurity project targeting penetration testing of Metasploitable 2 across multiple ports. Showcased adeptness in vulnerability identification and system security improvement within a controlled setting.

### Traffic Sign Board Traffic Sign Board Sign

- Created a Traffic Sign Recognition system using Python and Machine Learning. The system accurately detects and interprets traffic signboards in real-time, showcasing expertise in applied Machine Learning and enhancing road safety

## CTF Challenge Platform Development

- Developed a Capture the Flag (CTF) challenge platform using HTML to host a variety of cybersecurity challenges. Implemented various challenges including cryptography, steganography, and web exploitation to test participants' skills.

## LANGUAGE SKILLS

Mother tongue(s): **MALAYALAM**

Other language(s): **ENGLISH**