



COURSE OUTLINE:

DAY 1:

- What is Security?
- Information Security
- Confidentiality, Integrity, and Availability
- Types of Hackers
- Authentication, Authorization, and Accounting
- Risk, Vulnerability, Asset, and Threat
 - Vulnerability Assessment vs Penetration Testing
- Manual vs Automated Security Test
 - DAST vs SAST
 - Security Tools
 - Hacking Methodology
 - Reconnaissance
- Scanning & Gaining Access
- Maintaining Access & Clearing Tracks
- Introduction to Application Security
 - Application Security Scanning Requirements

DAY 2:

- What is an API?
- HTTP Request and Response
- HTTP Request - Method, Headers, & Body
- HTTP Response - Method, Headers, & Body
 - Burp Suite Installation and Setup
- HTTP Request and Response, Method, Headers, and Body
 - Burp Suite Installation and Setup
 - OWASP WSTG
- Security Testing: OWASP Top 10
 - Broken Access Control
 - Cryptographic Failures
 - Injection & Insecure Design
 - Security Misconfiguration
- Vulnerable and Outdated Components
- Identification and Authentication Failures
 - Software and Data Integrity Failures
- Security Logging and Monitoring Failures
 - Server-Side Request Forgery

CERTIFICATE OF COMPLETION

IS HEREBY PRESENTED TO:

RIANE MICHAEL D. RIVERA

For having successfully attended and completed the
8-HOUR TRAINING in **"ETHICAL HACKING AND PENTESTING WORKSHOP:
AN INTRODUCTION TO HACKING, PENTESTING, AND CYBERSECURITY"**
via Zoom on the **31st of August** and **1st day of September 2024**.



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