

Rohan Madiratta

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EDUCATION

• Vellore Institute of Technology

Vellore, India

Bachelor of Technology in Information Technology (CGPA: 7.84/10)

July 2019 - August 2023

EXPERIENCE

• Deloitte USI - RFA Analyst

Gurgaon, India

September 2023 - Present

- **Role Overview:** Working in the Risk Management field, helping organizations address risks
- **Project Experience:** Currently working on the security architecture review of AIG's migration to Corebridge Financial.
- **Technology Risk Domains:** Introduced to various technology risk domains like access control, identity, authentication
- **Security Solutions:** Familiarized with leading-edge security solutions related to Identity Access Management(AWS IAM), Application Security(Oracle), Monitoring(Splunk), and Analytics(Tableau)

PROJECTS

• Gamer Profile Manager

July 2021

- Developed a GUI Java application using JavaFX that allows players to submit personal information and details about the online games they are playing
- Implemented an Oracle database to securely store the submitted information, ensuring efficient retrieval and management of user data
- Utilized JDBC to perform various database operations

• Payroll Management System

August 2022

- Developed a comprehensive MySQL database management system to calculate the total income of employees in an organization
- The system securely stores detailed records of each employee, administrator, and branch of the company, as well as work completed and leaves taken by each employee
- Implemented robust access control measures, allowing administrators to maintain data integrity and security while providing transparency for employees

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript
- **Operating Systems:** Windows, Linux
- **Database Management:** MySQL, MongoDB, DynamoDB
- **Web Technologies:** HTML5, CSS3, PHP
- **Pentesting Tools:** Mimikatz, Burp Suite, Nmap, Hydra, Wireshark, Metasploit, BloodHound

CERTIFICATIONS

- **Certified Red Team Professional (CRTTP):** Gained expertise in Enterprise Active Directory security. Developed skills in identifying and executing various attack techniques. Demonstrated these skills by solving challenges in a Windows infrastructure lab and submitted a detailed report
- **eLearnSecurity Web Application Penetration Tester (eWPT):** Acquired a deep understanding of web application security. Developed skills in penetration testing processes, web application analysis, and vulnerability assessment. Demonstrated these skills by performing a real-world web app penetration testing simulation and submitted a detailed report
- **AWS Certified Cloud Practitioner:** Developed a foundational understanding of the AWS cloud infrastructure at a global level. Gained knowledge of AWS services, design, and architectural principles
- **eLearnSecurity Junior Penetration Tester (eJPT):** Developed a foundational understanding of penetration testing and information security essentials. Gained skills in TCP/IP, IP routing, LAN protocols and devices, HTTP and web technologies. Applied these skills in a real-world penetration testing simulation

ACHIEVEMENTS

- **Security Vulnerability Reporting:** Identified and reported various security vulnerabilities to major companies including HP, KFC, Gevme, as well as to the National Critical Information Infrastructure Protection Centre (NCIIPC). These findings were acknowledged and appreciated, highlighting a proactive approach to identifying security risks and contributing to the enhancement of cybersecurity posture.
- **Problem Solving on Programming Platforms:** Solved more than 400 problems on programming platforms like LeetCode and Coding Ninjas, demonstrating strong problem-solving skills and proficiency in programming.