

Rohan Madiratta

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EDUCATION

University of Florida

Master of Science, Computer Science; GPA: 3.63/4.0

Gainesville, FL

August 2024 - May 2026 (expected)

Vellore Institute of Technology

Bachelor of Technology, Information Technology; GPA: 7.84/10.0

Vellore, India

August 2019 - August 2023

EXPERIENCE

Deloitte USI

Security Software Engineer

Gurgaon, India

September 2023 - July 2024

- Conducted Security Architecture Reviews (SAR) for 20+ enterprise applications including SAP systems, Corporate Treasury, Moody's Risk Frontier, Legal Entity Management System, and SharePoint Online during Corebridge Financial's AIG infrastructure migration
- Accelerated security review cycle time by 25-30% through implementation of standardized 10-point evaluation framework and comprehensive architecture documentation requirements
- Reduced security remediation timeline by 40% by identifying critical vulnerabilities including service account hardcoding, overly permissive firewall rules, missing network monitoring, excessive IAM permissions, and insecure S3 bucket policies before production deployment
- Analyzed complex cloud/hybrid architectures with multi-database integrations (Oracle, Amazon RDS, SQL Server), VPN connectivity, and Power Platform workflows for financial risk management applications
- Assessed business continuity and disaster recovery strategies including RTO/RPO requirements, backup validation procedures, database migration paths (DMS, Aurora replicas), and multi-AZ failover configurations

PROJECTS

OpportunityOdyssey | Java, Spring Boot 3, Spring MVC, Spring Security, Hibernate, MySQL, Maven

- Developed a comprehensive job portal with role-based access control for job seekers and recruiters
- Implemented advanced job search filters and resume upload functionality for job seekers, and job posting features for recruiters

Movie Sentiment Analyzer | Python, scikit-learn, NLTK, pandas, Multinomial Naive Bayes

- Developed sentiment classifier achieving 90% accuracy on 25,000 IMDB reviews using NLP techniques and Multinomial Naive Bayes
- Optimized model through GridSearchCV hyperparameter tuning with 5-fold cross-validation to maximize F1 score

TECHNICAL SKILLS

Languages: Java, Python, SQL, PowerShell

Frameworks & Libraries: Spring Boot, Hibernate, JPA, Thymeleaf, scikit-learn, NLTK, pandas

Tools & Technologies: MySQL, Docker, IntelliJ IDEA, Postman, Burp Suite, Git, Metasploit, Nmap, Mimikatz

Security Domains: Application Security, Penetration Testing & Red Teaming, Security Architecture & Design, Vulnerability Management, Identity & Access Management (IAM), Cloud Security (AWS)

CERTIFICATIONS

Certified Red Team Professional (CRTP) • **AWS Certified Solutions Architect Associate (AWS SAA)**

eLearnSecurity Web Application Penetration Tester (eWPT) • **eLearn Junior Penetration Tester (eJPT)**

AWS Certified Cloud Practitioner (CCP) • **Offensive Security Certified Professional (OSCP) (in progress)**

SECURITY CONTRIBUTIONS

Volunteer, BSides Orlando

- Selected to volunteer at premier regional cybersecurity conference, contributing to community engagement and event support

Vulnerability Discovery and Responsible Disclosure

- Identified and responsibly reported critical security vulnerabilities to major organizations, including KFC, Gevme, Rollbar, Hewlett-Packard, and NCIIPC