Rohan Madiratta

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EDUCATION

University of Florida — Gainesville, FL
Master of Science, Computer Science; GPA: 3.61/4.0 — *August 2024 - May 2026 (expected)*

Vellore Institute of Technology — Vellore, India
Bachelor of Technology, Information Technology; GPA: 7.84/10.0 — *August 2019 - August 2023*

EXPERIENCE

Deloitte USI — Gurgaon, India
Security Software Engineer — *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

QuickCart | *Java, Spring Data REST, Hibernate, MySQL, Maven, Apache Tomcat*

- Developed a RESTful e-commerce API with automated endpoint generation for products, orders, and user management
- Implemented complex database relationships including many-to-many mappings between orders and products with proper cascade operations

TECHNICAL SKILLS

Languages: Java, SQL, PowerShell
Frameworks & Libraries: Spring Boot, Hibernate, JPA, Thymeleaf
Tools & Technologies: MySQL, Docker, Burp Suite, IntelliJ IDEA, Postman, Git, Metasploit, Nmap
AWS Services: EC2, S3, RDS, VPC, IAM, Lambda, ECS, ELB, CloudWatch, Route 53
Platforms: AWS, Linux

CERTIFICATIONS

Certified Red Team Professional (CRTP) • **eLearnSecurity Web Application Penetration Tester** (eWPT)

AWS Certified Cloud Practitioner (AWS CCP) • **eLearnSecurity Junior Penetration Tester** (eJPT)

SECURITY CONTRIBUTIONS

Volunteer, BSides St. Pete

- 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