

# Rohan Madiratta

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## EDUCATION

### University of Florida

*Master of Science, Computer Science; GPA: 3.61/4.0*

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

### 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, IntelliJ IDEA, Postman, Burp Suite, Git, Metasploit, Nmap

**AWS Services:** EC2, S3, RDS, VPC, IAM, Lambda, ECS, ELB, CloudWatch, Route 53

## CERTIFICATIONS

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

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

## 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