

# Raj Ranjhan

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## Professional SUMMARY

- Strong leadership and mentoring skills; ability to prioritize and manage work in a fast-paced, multiple-project environment
- I bring over 15 years. of application development experience to designing and developing Cybersecurity solutions.
- Solid track record in Analysis, Design, and Implementation of Cloud Security Architecture (PCF, GCP, AWS)

## Technical Skills

**AWS Cloud** EC2, EFS, ELB, ECR, EKS, Lambda, S3, Glacier, ASG, AMI, RDS, KMS, OpenSearch, CloudWatch, CloudFormation, CloudTrail, SQS, VPC, CloudFront, Route 53, WAF, API Gateway, etc.

**GCP CLOUD** App Engine, Compute Engine, Kubernetes/GKE, Anthos, Helm, Istio, Cloud Functions, Cloud Run, Cloud Scheduler, Buckets, VPC, Firewall, Routes, Cloud DNS, Cloud CDN, NAT, Deployment Manager, Pub/Sub, BigQuery, Dataflow, Secret Manager, Apigee, etc.

**SOFTWARE** Python, Terraform, SQL, HTML, CSS, XML, YAML, JSON, JS, Batch, Bash, C#

**SECURITY** IAM, Macie, Prisma Cloud, TwistLock, SonarQube, Okta, GuardDuty, Command Center, Cloud Armor, Vault, Veracode, Snyk, Rapid7, Qualys, etc.

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## EMPLOYMENT & EXPERIENCE

### Charles Schwab

Austin, TX

*Technical Director, Principal Cloud Security Architect*

*August 2022-*

- Grow and mature Schwab's AWS/GCP cloud security posture to support products with scalable, performant, high-availability cloud technology solutions, processes, and best practices.
- Mentor and coach team accountable for automation, operational integrity, and security of a multi-cloud infrastructure.
- Responsible for advancing and ensuring the success of Policy as a Code Initiative.

### Rapid7

Austin, TX

*Lead Cloud Security Architect, AWS*

*October 2021-August 2022*

- Architected security solutions built on the AWS Platform
- Managed Infosec AWS infrastructure automation using Terraform
- Helped develop the Secure Design Review process from the ground up
- Ensure security controls are integrated as we stand up Aws GovCloud environment for FedRAMP
- Coached, mentored, and developed team members in AWS

### Teradata

Austin, TX

*Cloud Security Architect, Cloud Incubation Team*

*June 2020- October 2021*

- Lead design and implementation of IAM strategy for a multi-tenant application in AWS
- Worked with network, platform, engineering, and development teams in architecture design and review session
- Conducted security architecture reviews across the organization and produced high-quality Threat Models for cloud environments
- Hands-on development of custom security controls in Python

### Charles Schwab

Austin, TX

*Technical Director, Data Security Architect*

*June 2016- June 2020*

- Architected and managed implementation of all matters relating to data security across multiple lines of business.
- Manage strategy, optimization, and implementation of data security in GCP.
- Act as a data security SME at IT Security Governance, ensuring Policies and Standards are followed during application development.
- Automated Data Activity Monitoring activities save the team over 80 monthly person-hours.
- Frameworks and standards: NIST; MITRE; CIS; CSA CCM, OWASP
- Environment: Voltage, Vormetric, Imperva, SonarG, Python, .NET

*Technical Director, Web Architect*

- Lead the effort to roll out the OAuth authentication flow within the SAC portal.
- Designed and developed application security solutions and training programs based on OWASP Top 10.
- Prepared and documented threat models, security diagrams, and other supporting materials.

**John Hancock**

Senior Innovation Fellow at Innovation Lab

Boston, MA

March 2012 – June 2016

- Lead a team to develop next-generation applications based on blockchain technology.
- Researched and prototyped applications on various blockchain platforms.
- Developed an internal cryptocurrency based on Bitcoin source code.

Director, Application Development Manager

- Hands-on onshore and offshore development team manager responsible for implementing and expanding SOA capabilities.  
Business areas supported: Hedging, Derivatives, and Investments.

**EDUCATION & CERTIFICATIONS**

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**AWS Certified Security - Specialty**

**Google Professional Cloud Security Engineer (GPCSE)**

**Certified Information Systems Security Professional (CISSP)**

**CSA Certificate of Cloud Security Knowledge (CSSK)**

**University of Massachusetts**

Amherst, MA

*Bachelor of Science*