

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.

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 success for Policy as Code Initiative.

Rapid7

Austin, TX

Lead Cloud Security Architect, AWS

October 2021-August 2022

- Architected security solutions built on AWS Platform
- Managed Infosec AWS infrastructure automation using Terraform
- Helped develop Secure Design Review process from 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 produce 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 adhered to during application development.
- Automated Data Activity Monitoring activities saving the team over 80 monthly man 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 OAuth authentication flow within 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 crypto currency based on Bitcoin source code.

Director, Application Development Manager

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

EDUCATION & CERTIFICATIONS

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