

# Simon Vega

## Cloud Engineer, AWS

 (703) 555-0186  [simon.vega.cloud@example.com](mailto:simon.vega.cloud@example.com)  [linkedin.com/example/simonvega](https://linkedin.com/example/simonvega)  Alexandria, VA 22314

### STRENGTHS

-  **Architecture judgment**  
Compared migration paths with cost, risk, and availability in view; customer teams gained confidence in difficult design choices.
-  **Operational ownership**  
Production handoffs included rollback steps, monitoring thresholds, and incident guides; operations partners knew what success looked like.
-  **Customer partnership**  
Asked careful questions during agency workshops, then shaped practical plans that reflected user needs and delivery limits.
-  **Security discipline**  
Connected diagrams, access records, and control evidence during reviews; security partners found decisions easier to trace.
-  **Adaptable growth**  
Moved from systems troubleshooting into cloud architecture by taking on migrations, design reviews, and peer coaching with steady curiosity.

### SKILLS

- AWS Cloud architecture
- Distributed systems
- Solution design
- Implementation plans
- Lift-and-shift migration Networking
- Storage Identity management
- SaaS PaaS IaaS
- Technical analysis
- Production readiness
- Security documentation

### SUMMARY

Cloud Engineer with six years of **professional IT experience** supporting federal agency environments and production systems. Builds AWS architectures for **highly distributed applications**, balancing availability, reliability, scalability, security controls, and operational boundaries. Brings hands-on experience across SaaS, PaaS, and IaaS solution design, networking, storage, identity management, implementation planning, and lift-and-shift migration methods. Translates customer needs into practical alternatives, production-ready designs, and clear engineering, security, and operational documentation. AWS Certified Solutions Architect–Associate with a Bachelor of Science in **Computer Science**. Ready to bring disciplined cloud delivery, thoughtful customer partnership, and steady operational leadership to **Northstar Civic Systems** while helping federal programs move from design through dependable production service.

### EXPERIENCE

#### Cloud Engineer

CivicBridge Technology Partners  August 2023 - Present  Arlington, VA

- Owns AWS architecture and delivery for distributed federal case-management services across multi-account environments. Leads solution design, infrastructure automation, **security documentation**, customer decision support, and transition into operations. Work connects engineering quality with dependable service for agency users.
- Led **AWS** architecture for case-management services across multiple accounts, **Availability** Zones, VPCs, and production support boundaries, protecting service continuity.
  - Translated agency objectives into EC2, ECS, S3, RDS, **Route 53**, IAM, and CloudWatch designs, giving customers practical **implementation plans**.
  - Built reusable Terraform modules and deployment runbooks, creating repeatable infrastructure builds and clearer operational handoffs for **engineering** teams.
  - Compared lift-and-shift, replatforming, and managed-service options, documenting cost, risk, availability, and schedule tradeoffs for customer decisions.
  - Coordinated security-control evidence, architecture diagrams, data-flow records, and operating procedures through reviews with security and operations partners.
  - Guided production transitions with rollback criteria, monitoring thresholds, and incident playbooks, keeping services within approved performance and security boundaries.

#### Cloud Solutions Engineer

BlueHarbor Federal Solutions  July 2021 - July 2023  Bethesda, MD

- Designed AWS foundation patterns and migration plans for a federal analytics platform supporting distributed workloads. Combined architecture, delivery controls, documentation, and stakeholder analysis so solutions could progress from discovery through production readiness and operations.
- Designed AWS landing-zone patterns with segmented **networking**, centralized logging, encrypted storage, and role-based **identity management** for a federal analytics platform.
  - Converted application dependency inventories into phased migration plans for 30+ services, separating low-risk lift-and-shift workloads from systems needing redesign.
  - Improved **reliability** planning through multi-AZ deployment models, backup validation, health checks, and recovery procedures that clarified service expectations.
  - Produced business and technical alternative analyses that helped stakeholders select ECS, RDS, and S3 configurations suited to workload sensitivity and operating cost.
  - Built CI/CD workflows with **CodePipeline**, CodeBuild, and **Terraform**, adding approval gates and environment-specific configuration for controlled federal releases.
  - Prepared engineering, security, and **operational documentation** used during production readiness reviews and transition-to-operations activities.

#### Systems Engineer

Meridian Public Sector Technology  July 2020 - June 2021  Baltimore, MD

LANGUAGES

|         |            |
|---------|------------|
| English | Native     |
| Spanish | Proficient |

MY CAREER



- Cloud Engineer at CivicBridge Technology Partners (3 Years)
- Cloud Solutions Engineer at BlueHarbor Federal Solutions (2 Years)
- Systems Engineer at Meridian Public Sector Technology (11 Months)

Supported AWS-hosted applications for federal program teams across development and production environments. Strengthened troubleshooting, automation, migration preparation, monitoring, and review materials while building a foundation for broader cloud architecture ownership.

- Resolved **EC2**, IAM, VPC, load-balancing, and **storage** issues across development and production environments, reducing service disruption for federal program teams.
- Automated repeatable server and configuration tasks with **Python**, Bash, and **CloudFormation**, shortening manual deployment work for a small systems engineering group.
- Maintained network diagrams, asset inventories, access matrices, and operating procedures, improving traceability during security and infrastructure reviews.
- Supported on-premises migration planning by documenting dependencies, validating target subnets, and testing data-transfer and rollback procedures.
- Created **CloudWatch** dashboards and alarms for application health, then escalated capacity and availability risks with evidence from logs and service metrics.
- Participated in architecture and change-control reviews, turning implementation findings into actionable updates for **engineering**, security, and customer teams.

PROJECTS

Federal Analytics Cloud Migration 📅 2023

Mapped dependencies across 30+ services and shaped phased AWS migration paths. Customer workshops connected lift-and-shift candidates with security, cost, recovery, and operating needs, giving program leaders a clearer route into production.

Multi-Account AWS Service Foundation 📅 2024

Created a reusable AWS foundation spanning VPCs, IAM, CloudWatch, S3, and RDS. Architecture decisions supported flexible scaling, security controls, audit evidence, and smoother transition from engineering into operations.

LEADERSHIP & AWARDS

- Received a 2024 Engineering Impact Award for improving AWS delivery consistency across federal production services.
- Recognized by program leadership in 2023 for clear migration analysis and customer-focused architecture decisions.
- Led peer learning sessions on Terraform modules, AWS identity management, and production readiness documentation.

EDUCATION

Bachelor of Science in Computer Science

George Mason University 🎓 GPA: 3.7 📅 2020 📍 Fairfax, VA

**Coursework:** Cloud computing, computer networking, database systems, operating systems, software engineering

CERTIFICATIONS

- AWS Certified Solutions Architect–Associate 📅 2022
- AWS Certified Cloud Practitioner 📅 2021

TECHNICAL SKILLS

- **AWS Compute:** EC2, ECS, Lambda
- **AWS Storage:** S3, EBS, Backup
- **AWS Databases:** RDS, Aurora, DynamoDB
- **AWS Networking:** VPC, Route 53, Elastic Load Balancing
- **AWS Identity:** IAM, KMS, AWS Organizations
- **AWS Monitoring:** CloudWatch, CloudTrail, AWS Config
- **Infrastructure as Code:** Terraform, CloudFormation, HCL
- **CI/CD Platforms:** CodePipeline, CodeBuild, Git
- **Programming and Scripting:** Python, Bash, YAML
- **Cloud Service Models:** SaaS, PaaS, IaaS
- **Migration Methods:** Lift-and-shift, Replatforming, Dependency mapping

- **Documentation Systems:** Architecture diagrams, Data-flow records, Operating procedures

## PROFESSIONAL AFFILIATIONS

---

- Member, Amazon Web Services User Group, Washington, DC, sharing practical cloud architecture lessons with regional engineers.
- Member, AFCEA Northern Virginia, connecting federal technology delivery with security, infrastructure, and mission needs.

## ADDITIONAL INFORMATION

---

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

---

AVAILABLE ON REQUEST