

Simon Vega

Cover Letter

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📍 Alexandria, VA 22314

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Hiring Manager
Northstar Civic Systems
Reston, VA

Dear Hiring Manager,

I am applying for the Cloud Engineer, AWS position at Northstar Civic Systems. Over the past six years, I have supported federal agency environments and production systems, designing AWS solutions that balance availability, security controls, scalability, and practical operating requirements. My background includes a Bachelor of Science in Computer Science and AWS Certified Solutions Architect–Associate certification.

In my current role, I own AWS architecture and delivery for distributed federal case-management services spanning multiple accounts, availability zones, VPCs, and production support boundaries. I translate agency objectives into implementation plans using services such as EC2, ECS, S3, RDS, Route 53, IAM, and CloudWatch. I also created reusable Terraform modules and deployment runbooks, giving engineering teams more consistent builds and operations teams clearer handoffs.

I have also helped customers make concrete migration and architecture decisions. For a federal analytics platform, I converted dependency inventories into phased migration plans for more than 30 services, separating straightforward lift-and-shift workloads from systems that required redesign. I documented cost, risk, availability, and schedule tradeoffs for ECS, RDS, and S3 alternatives, then supported controlled releases with approval gates, monitoring thresholds, rollback criteria, and recovery procedures.

The part of this work I value most is making complex systems easier to review and operate. I have prepared architecture diagrams, data-flow documentation, security-control evidence, access matrices, and operating procedures for engineering, security, and customer stakeholders. I would welcome the opportunity to bring that combination of AWS architecture, federal delivery experience, and careful operational transition to Northstar Civic Systems.

Thank you for your consideration. I would be glad to discuss how my experience could support your federal customers and cloud engineering work.

Sincerely,

Simon Vega

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