

## Experience

- **Agile Six Applications, Inc.** October 2020 – Present
  - Senior DevOps Engineer (VA.gov Check-In Experience Team) February 2024 – Present
    - \* Haven't blown anything up yet
  - Technical Lead (VA.gov Platform CMS Team) July 2023 – February 2024
    - \* Fostered transparency and alignment by communicating project progress, updates, and any issues or blockers
    - \* Maintained clear and open lines of communication, enabling stakeholders to make informed decisions and ensuring project success
    - \* Anticipated potential development challenges, identified project delays, and swiftly addressed issues; mitigated risks, minimized project delays, and ensured on-time delivery
    - \* Mentored engineers to improve proficiency and expertise in best practices
    - \* Orchestrated team of 7-9 engineers in PagerDuty rotation, guaranteeing round-the-clock operational effectiveness and reducing incident response time by 40%
    - \* Led team in overcoming complex technical challenges, removing impediments, and ensuring smooth project execution
    - \* Hired two Senior Software Engineers and Software Quality Architect; drafted job descriptions, conducted technical interviews, and made final hiring recommendations
  - Senior DevOps Engineer (VA.gov Platform CMS Team) October 2020 – February 2024
    - \* Led the implementation of industry QA architecture best practices, resulting in a 20% improvement in overall product quality and customer satisfaction, while meeting regulatory standards and compliance requirements
    - \* Collaborated closely with cross-functional product teams to align technical strategies with business goals, driving continuous improvement across the organization
    - \* Mentored engineers on advanced test and system design techniques, driving team-wide adoption and increasing overall testing efficiency by 30%, while aligning technical strategies with organizational objectives
    - \* Crafted and documented procedures, including timelines and sample communications for consistent management of out-of-band deploys, reducing procedure duration by approximately 50%
    - \* Directed ongoing enhancement and deployment of Drupal CMS and associated infrastructure for VA.gov website, catering to approximately 14M visitors and 26M visits monthly
    - \* Revamped internal content release management system, resulting in 60% reduction in Change Failure Rate
    - \* Slashed CMS product delivery lead time by 30% and CI lead times by 60%
- **Aviation International News** January 2015 – October 2020
  - Senior Software/DevOps Engineer (ainonline.com) January 2015 – October 2020
    - \* Architected and executed an innovative DevOps and backend development strategy, leading to the successful launch of two transformative media products
    - \* Implemented local development environments, CI/CD pipelines, and cutting-edge QA methodologies, resulting in a 35% decrease in production bugs and a 25% improvement in team collaboration and efficiency
    - \* Guided and mentored junior engineers, emphasizing soft skills and engineering best practices, leading to a 30% increase in overall team productivity and timely delivery of key milestones
    - \* Instituted CD pipeline, including functional tests and staging deployment, resulting in 33% decrease in Change Failure Rate
    - \* Created a Vagrant-based solution for local development; increased team productivity by 30% and enabled rapid iteration and testing of new features
    - \* Developed an app to centralize ad sales, subscriptions, and circulation data; this reduced manual data entry by 80%, saved management and sales teams 20 hours per week, and empowered data-driven decision-making
    - \* Architected CI pipeline, encompassing unit tests, static analysis, and code style tests, yielding 30% decrease in Change Failure Rate
    - \* Migrated systems from Acquia hosting to sustainable, self-servicing AWS, cutting infrastructure expenses by over two-thirds and reducing annual hosting costs by 40%
- **DEVONtechnologies** January 2011 – December 2015
  - Software Engineer (DEVONthink Sync) January 2011 – December 2015
    - \* Developed, launched, and maintained proprietary sync technologies for flagship macOS/iOS desktop document database app
    - \* Collaborated and communicated within a globally dispersed engineering department across six countries and four continents
    - \* Led the adoption of Agile project management, Lean principles, and DevOps methodologies
    - \* Introduced CI/CD pipelines, resulting in 90% decrease in delivery lead time and eradicating delivery and packaging errors
    - \* Introduced automated testing, leading to 30% reduction in manual testing hours, elevating test coverage to 70%, and cutting change failure rate by 30%
    - \* Automated aspects of certificate and configuration management, culminating in savings of 120 person-hours annually

## Education

University of Nevada at Las Vegas (Las Vegas, NV)

- Bachelor's in Computer Science May 2009 – December 2011

## Skills

**Languages:** PHP Objective-C L<sup>A</sup>T<sub>E</sub>X

**Infrastructure-as-Code:** Terraform, CloudFormation, Ansible, Puppet, Chef, SaltStack

**CI/CD:** Jenkins, GitHub Actions, CircleCI, Travis CI, GitLab CI, Bitbucket Pipelines

**Containerization:** Docker, Kubernetes, Nomad, Amazon ECS, Amazon EKS

**Cloud Platforms:** Amazon Web Services, Google Cloud Platform, Microsoft Azure

**Monitoring:** Prometheus, Grafana, Datadog, New Relic, Amazon CloudWatch

**Logging:** Elasticsearch, Logstash, Kibana, Splunk, Sumo Logic

**Networking:** TCP/IP, DNS, HTTP, HTTPS, VPN, VPC, Route 53, CloudFront, ELB, ALB, NLB