

Tristan McGowan

Chief Cyber Security Officer (CCSO) | Senior DevOps Engineer

Personal Info

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309-622-1363

Skills

- Cybersecurity Best Practice Implementation
- Cybersecurity best practices
- Cybersecurity
- Security Monitoring
- Special event security planning
- Information security technology
- Library design
- JavaScript programming
- Application development
- Concept development
- PHP development
- SQL platforms
- Schema design
- AWS development
- GitHub collaboration
- Programming
- Excellent Communication
- System monitoring
- Application testing
- Administrative Policy Development
- Systems Budget Management
- Mass Storage Deployment
- Server Management
- Project lifecycle management

Information Technology professional with 15 years of experience developing and implementing security solutions in fast-paced environments. Skilled in infrastructure deployment maintenance and monitoring with a proven history of delivering exceptional risk management support.

Outstanding track record of meeting company goals utilizing consistent and organized practices. Skilled in working under pressure and adapting to new situations and challenges to best enhance the organizational brand.

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Work History

2021-05 - present	<div>Chief Cyber Security Office (CCSO) <i>Hybrent (Procurement Partners), Bloomington, IL</i><ul style="list-style-type: none">• Researched, reviewed and recommended equipment, materials and supplies to prepare and maintain security expenses within approved budget.• Established measures, metrics, thresholds and targets to drive performance in alignment with security and other business strategies.• Oversaw safety of guests, employees and assets by enforcing and regulating security policies and procedures and monitoring and maintaining security systems.• Directed security services and safety functions to align key processes with goals and objectives of organization and regulatory compliance.• Engineered, maintained and repaired security systems and programmable logic controls.• Encrypted data and erected firewalls to protect confidential information.• Performed risk analyses to identify appropriate security countermeasures.• Recommend improvements in security systems and procedures.• Lead HiTrust framework implementation team through organizations first HiTrust readiness and assessment.</div>
2019-06 - present	<div>Senior DevOps Engineer <i>Hybrent, Bloomington, IL</i><ul style="list-style-type: none">• Maintained systems that monitored applications and infrastructure.• Applied automated testing solutions for unit, integration and system testing.• Maintained metrics visibility using Zabbix, Graylog, New Relic, Datadog, and Prometheus/Grafana to create useful dashboards and monitors.• Managed AWS assets and integrated multiple AWS resources into solutions appropriate for company projects.• Provided engineering support from code delivery until retirement of application.• Developed continuous improvements and implemented solutions to existing infrastructure, tools and processes.• Integrated security into cloud architecture solutions to prevent bugging.• Created team strategy for SDLC automation, configuration management and release management.• Investigated new and emerging software applications to design, select, implement and use administrative information systems effectively.</div>

2018-06
- present

Web Systems Engineer

Team Goblin, Bloomington, IL

- Conceived and built optimized landing pages in HTML and CSS for integration and cross-browser compatibility.
- Created powerful Content Management Systems to serve as interface for client.
- Completed full redesigns of existing websites to improve navigation, enhance visuals and strengthen search engine rankings.
- Planned and engineered RESTful web services to manipulate dynamic datasets.
- Conducted unit testing to deliver optimal browser functionality.
- Took concepts and produced design mockups and prototypes to strengthen designs, enhance user experiences and improve site interactions.
- Boosted web traffic by improving navigation and rectifying bottlenecks.
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility.
- Employed coding practices based on commonly accepted standards to establish site layout and user interface.
- Crafted SEO strategy and intuitive interface for site to achieve prominent rankings across top browser platforms.

2019-07
- 2020-03

Senior Full Stack Developer

The Shade Store, Port Chester, NY

- Consulted with engineering team members to determine system loads and develop improvement plans.
- Managed development milestones from initial steps through final delivery.
- Gathered and defined customer requirements to develop clear specifications for project plans.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Orchestrated efficient large-scale software deployments.
- Adjusted design parameters to boost performance and incorporate new features.
- Reviewed code, debugged problems and corrected issues.
- Boosted network, system and data availability and integrity through preventive maintenance and upgrades.
- Delivered performance-driven and user-centric websites that met all business requirements.
- Took initial concepts and developed project plans.

2017-10
- 2018-06

Full Stack Developer

The Cheat Sheet (Endgame 360), Asheville, NC

- Consulted with engineering team members to determine system loads and develop improvement plans.
- Managed development milestones from initial steps through final delivery.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Delivered performance-driven and user-centric websites that met all business requirements.
- Collected, defined and translated user requirements into project designs and implementation plans.
- Collaborated with in-house web designers to create sleek and innovative UI design.
- Employed coding practices based on commonly accepted standards to establish site layout and user interface.

2015-07
- 2017-08

Lead Web Developer

One Hat Design Studio, Peoria, IL

- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding.
- Consulted with marketing department to ascertain organizational requirements, then compile, refine and generate webpage roadmap to achieve objectives.
- Pulled from PHP, SQL, JavaScript and other back-end library knowledge to bolster programming resources.
- Provided ongoing efficiency and security maintenance and patching on website interface to maintain viability after launch.
- Oversaw technical resources, and oversaw the resolution of issues and troubleshooting requests to resolve surfaced problems.
- Developed functional digital design concepts across various platforms to strengthen company brand and identity.
- Adhered to SEO best practices while designing sites and public-facing online deliverables.

2010-04
- 2017-07

Senior Linux System Administrator

Genesis Adaptive, Bloomington, IL

- Installed system-wide hardware components, confirming interoperation and compatibility with Linux-based software distros.
- Provided input on hardware and software purchasing, prioritizing return on investment to optimize IT spending.
- Installed and allocated mass storage deployments, maintaining the integrity of 100 terabytes of NAS storage.
- Managed backup and disaster recovery through strict data control and retention policies, personally handling recovery tasks when issues arose.
- Configured and maintained web servers with 1000s of end-users.
- Tuned system performance to optimize efficacy of new and existing hardware components.

2013-11
- 2014-12

Linux System Administrator

Come To Buy, Bloomington, IL

- Provided input on hardware and software purchasing, prioritizing return on investment to optimize IT spending.
- Installed system-wide hardware components, confirming interoperation and compatibility with Linux-based software distros.
- Designed disaster recovery systems, enabling continuity in event of power outages.
- Interacted directly with users to diagnose and correct major system issues and address concerns.
- Preserved system documentation accuracy via regular data updates and graphical refreshes.
- Maintained smooth operation of multi-user computer systems through collaboration with hardware and network engineers.
- Resolved vulnerabilities by making improvements to network security.
- Tuned system performance to optimize efficacy of new and existing hardware components.

2010-01
- 2013-05

Linux System Engineer

ContinuityX, Peoria, IL

- Monitored and tested application performance to identify potential bottlenecks, develop solutions, and collaborate with developers on solution implementation.
- Built and maintained network infrastructure consisting of Windows, Linux

and virtual products.

- Oversaw development and maintenance of organization computer systems and intranet.
- Managed and monitored installed systems for highest level of availability.
- Designed and implemented system security and data assurance.
- Resolved issues related to operational components for LAN, WAN and voice systems.
- Defined enterprise processes and best practices and tailored enterprise processes for applications.
- Provided 2nd and 3rd level technical support and troubleshooting to