

ANDY KALLHOFF

andykallhoff@gmail.com

402-637-1478

andykallhoff.com

github.com/andykallhoff

SKILLSET

Linux Server Administration
Ruby, Rails, Gems, Javascript, etc
MySQL, PostgreSQL
UI/UX Design
Background jobs, batch processing
API creation and integration
Database design and migration
CI/CD Pipelines, Docker

Elasticsearch
Cloud computing - AWS, Azure, ect
Cybersecurity and information security
Government contracts, compliance
Team management
Vendor and stakeholder management
Technical writing
Budget management

PROFESSIONAL EXPERIENCE

Program Manager, SixGen Inc; Annapolis, MD — 2020-Present

- Evaluate, harden, test, and reconfigure systems to support customer and operational goals, while provide guidance, direction, project management, and strategies for technical implementation of applications.
- Led several teams through the risk management framework (RMF) process to ensure all technical solutions comply with government regulations and risks are properly assessed and mitigated.
- Analyze and optimize current data flow processes, to drive digital transformation initiatives, increase mission efficiency, system performance, data quality, data minimization, and legal compliance.
- Responsible for multiple project budgets, including developing and tracking budgets, forecasting resource needs and requirements, and presenting financial reports to executive stakeholders.
- Collaborate, research, and integrate new technologies to optimize team efficiency and code integrity resulting in team development, productivity, and overall cost savings.
- Interface with government customers and stakeholders, ensuring alignment of technology initiatives are achieved.

SIGINT Operator, UTNG; Draper, UT — 2016-Present

- Examine and analyze foreign communications and activity to for intelligence, and relay critical information to senior leaders by producing strategic and tactical reports based on analysis.
- Responsible for all agency accounts within the brigade elements, ensuring tracking of personnel, oversight trainings, and mission readiness requirements are met.

Software Engineer, T2 Modus; Houston, TX — 2018-2020

- Served as the SME and lead engineer of multiple projects, guiding team members and providing daily code reviews and updates on new and legacy platforms.
- Advised team, superiors, and clients on applicable laws and regulations relevant to customer data, the market place, and application growth and development.
- Designed, built, and managed databases with frontend user experience, integrating multiple APIs to include creating internal APIs, leading the team toward a unified goal.
- Educated and developed seniors, peers, and subordinates on technical best practices, produced corporate technical capabilities video, and communicated program status.

- Developed and managed organizational structure aligned with business objectives, implementing a management operating system for ongoing monitoring of program success, including quality and customer satisfaction goals.

Software Engineer, Verisys; South Jordan, UT — 2015-2018

- Served as an expert and section manager across multiple teams on critical tasks such as testing, troubleshooting, and application development.
- Collaborated with multiple cross-functional teams to apply cybersecurity controls for information systems, networks, and applications, ensuring compliance with industry regulations and standards.
- Designed and engineered application strategies that increased business processes resulting in improved efficiency and productivity.
- Conducted research to stay up-to-date with the latest trends and best practices in the industry, and applied them to improve product development and enhance application performance.

Defense Language Institute; Monterey, CA — 2016-2017

- Learned Mandarin Chinese in 16 months. While studying Chinese, was in command of 30 soldiers and 17 classmates.
- Directed, assigned, and evaluated work to subordinates based on priorities, difficulty, requirements of the assignment/capabilities of soldiers and aided in the preparation of schedules for completion of work; evaluated performance of subordinates; gave advice, counsel, and instruction on both technical and administrative matters.

Ruby on Rails Developer, Market Interactive; Lincoln, NE — 2013-2015

- Promoted to manage largest client project from identification to delivery, overseeing backend databases, APIs, and frontend UX/UI design, and implementing efficient and secure technology solutions.
- Researched and developed technology solutions to meet rapidly changing client requirements, resulting in increased stability and efficiency.
- As project lead, developed subordinates and pursued growth opportunities while delivering customer needs.

Frontend Developer & Designer, Envoy Inc; Omaha, NE — 2012-2013

- Designed, built, and customized frontend websites and campaign ads for clients.
- Researched and provided insight for improved backend data solutions.
- Provided technical advise and assistance to senior executives to resolve program issues.

EDUCATION

Creative Center, Omaha, NE — Bachelors of Fine Arts and Graphic Design, 2012