

Erin Braconnier

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[Professional Profile](#)

PROFESSIONAL SUMMARY

Innovative Cloud Architect and AI Platform Engineer with 10+ years of experience across media, aviation, and enterprise automation. Experienced in cloud-native design, serverless architecture, and GenAI integration. Proven success in building scalable platforms, media platforms, and metadata systems for media workflows. Passionate about merging creative design with engineering precision.

WORK EXPERIENCE

SRE / Architecture team

Disney (Contract) • June 2025 - Present

As part of the architecture team at Disney, responsible for creating Proof of Concepts on new technologies, including AI initiatives.

- Architect of Virtual Desktop Infrastructure (VDI) on VMWare and AWS for editing and VFX workflows.
- Developer of Ansible Playbooks and Infrastructure for automated deployments of VDI clouds.
- Creator of Canvasia, AI Assisted Storyboarding application for filmmakers.
- Creator of Nemo Finder, an AI chatbot driven digital asset manager to find similar video and images for trailers and promotional material.
- Architect and main developer of a serverless application to monitor on-premise installations of hardware by rack and rooms in datacenter. Real time view of installations.
- Integration of PCoIP-driven virtual desktops with Nutanix.
- Architect of hybrid Kubernetes clusters between VMWare and AWS EKS

Technologies: HashiCorp Terraform, Ansible, Kubernetes, VMWare, Lambda, GitLab CI/CD, TypeScript.

Cloud Providers: AWS, Azure

Founder / CEO

MSquared / A Technology Creative • May 2022 - June 2025

Founded MSquared as my own technology and arts collective to merge my artistic interests with the experience of cloud engineering to create a new style of boutique company.

Directed end-to-end platform engineering for Lionsgate Entertainment's Digital Media Supply Chain, including:

- Cloud-Native Architecture & Integration: Designed and deployed a fully cloud-native platform integrated with Ateliere Connect for media asset management and distribution.

- **GenAI Kubernetes Innovation:** Built the first Generative AI Kubernetes environment for Lionsgate, integrating AWS and Azure OpenAI services to enable advanced AI-driven workflows.
- **Infrastructure as Code & API Development:** Developed comprehensive Terraform modules and custom APIs to automate deployments and streamline operations across multi-cloud environments.
- **Digital Asset Migration:** Engineered Kubernetes jobs and API services to migrate large scale digital assets from legacy systems (Box and internal NAS) to OrangeLogic DAM, ensuring secure and efficient transfers.
- **Metadata Transformation Services:** Designed and implemented a GraphQL-based metadata API for film and TV libraries, converting SAP data structures for seamless integration with Ateliere Connect.

Technologies: HashiCorp Terraform, AWS CDK, Kubernetes, Fargate, Lambda, GitHub Actions, TypeScript, GraphQL, CloudFront, S3

Cloud Providers: AWS, Azure

Internal Product Development:

Architected and implemented advanced solutions to expand MSquared's technology portfolio:

- **Serverless Digital Asset Management System:** Designed a fully serverless DAM leveraging DigitalOcean GradientAI and AWS Rekognition for automated cataloging and intelligent tagging of images and videos.
- **Content Moderation Platform:** Built a next-generation moderation system combining LLMs, MCP, and Ollama, enhanced with computer vision for video and image analysis. Features include aggression detection, age estimation, and compliance workflows for sensitive content.

Technologies: DigitalOcean GradientAI, AWS Rekognition, Kubernetes, Ollama, MCP, Computer Vision, Python, TypeScript

Site Reliability Engineer

Starz, A Lionsgate company • August 2019 - May 2022

Acted as main site reliability engineer for the team since it was being formed. Helped form the team and onboarded new members during the remote years, including new management.

Areas of responsibility include:

- Architect and rollout manager for Splunk Synthetics (Rigor) for our main multi-regional application stacks. Writer and trainer for over 100 runbooks that tied by number and app code to our monitoring tool, Logic-Monitor.
- Splunk log management SME across the development organizations.
- Architect of the migration from Splunk on-prem to Splunk cloud with zero downtime and seamless efficiency.
- Developed with Terraform a Lambda, API Gateway stack with RDS to gather various reports for Tableau to

store from different accounts.

- Deployed with a Terraform an EKS cluster and Fargate with sample API applications for APM solutions' evaluations like New Relic, Data Dog and Splunk APM.

- Documenter and trainer for Starz' multi-region failover procedures for our main applications. All tied to corresponding Atlassian Bamboo deployment plans.

Technologies used: AWS, AWS CDK, Terraform, Python, EKS, Fargate

Software/DevOps Developer Level III

Boeing/Jeppesen • April 2019 - August 2019 • Contract

Represented the organization by providing solutions to difficult technical issues associated with specific projects. Developed Computer Software Units (CSUs) software requirements and algorithms. Defined internal interfaces and performed requirements allocation between hardware, software, and operators.

Key contributions:

- Developed, documented and maintained architectures, requirements, algorithms, interfaces and designs for software integration environments for CICD and test automation pipelines.

- Provided data, recommendations, and estimates for software component level project planning including corrective action plans.

- Coordinated and participated in project management reviews and compliance audits.

Established the first security code coverage integration as part of the build and deployment pipelines.

- For all phases of the software life cycle: developed, selected, tailored and deployed processes and tools, established metrics, utilized regulations and industry standards.

Technologies used: Azure, Chef, Atlassian Suite, Coverity, Sonarqube, GitLab

Site Reliability Engineer

Email on Acid • February 2018 - October 2018

Utilized Amazon Web Services and Microsoft office365 to implement software solutions to a mid-size startup with a high focus on email development solutions. Lead a team of developers and infrastructure writing automated solutions using Ansible and Docker on Amazon Web Services and Azure.

Key contributions:

- Team Lead of developers, QA, and Product Manager on the implementation of applications, features, and bug updates.

- Directed the planning and scheduling of maintenance for instances in both Azure and AWS

- Established a corporate intranet and enterprise communication center utilizing office365 and SharePoint Online

- Integrated SSO with Azure Portal connecting systems such as Zoom, LucidChart, Jira/Confluence, GitLab and Salesforce.

- Created web applications for capital and performance Improvement projects, implementation plans, and new hire process
- Implemented a screenshot process utilizing AWS services such as Elasticache and EC2.
- Developed automated jobs with third party companies utilizing SwaggerHub, AWS API Gateway with Lambda functions written in Python to transfer data.
- Database architectures including MySQL, Microsoft SQL 20xx, MongoDB, PostSQL, Elasticache, and RDS

Technologies used: AWS, Azure, Microsoft Sharepoint, SQL, Docker, Ansible

Earlier Career Highlights

Roles prior to 2018 have been summarized to emphasize recent leadership and technical achievements. Full career history available upon request.

- Lark Information Technology • Solution Architect
- Artifact Uprising • DevOps Engineer
- Puppet • Technical Solutions Engineer

Language Proficiencies

Fluent in French

Intermediate in Spanish

Beginner in Russian and German

EDUCATION

Bachelors Degree in History

University of Central Florida • January 2011 - January 2015

Acquired Associates degree of Science

Brevard County Community College/East Florida State College - Cocoa, FL • December 2010