

AARON BRAUNDMEIER

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Accomplished Engineering Manager with 10+ years of experience leading cross-functional teams and delivering software, infrastructure, and security solutions. Expertise in modernizing systems with **Kubernetes**, **Docker**, **Python**, and **Linux**, and skilled in Agile and **DevSecOps** practices.

EXPERIENCE

Senior Engineering Manager

Jun 2024 - Present

CVS Health

- Built and led two global teams of 40+ developers to modernize legacy pharmacy systems, transitioning to a cloud-native microservices architecture on **GCP**.
- Deployed **Kubernetes**, **Cloud Spanner**, and **Argo CD**, achieving seamless CI/CD pipelines and scalable systems.
- Established processes, standards, and playbooks, hiring and mentoring the entire team to deliver high-impact features.
- Applied **DevSecOps** and agile methodologies, ensuring efficient sprint planning and backlog grooming while enhancing system security.

Founder & Creator

2024 - Present

k8s-scan

- Built a **Kubernetes penetration testing** tool to identify vulnerabilities and misconfigurations, supporting external and internal attack vectors.
- Designed and implemented unique scanning techniques to uncover gaps not covered by existing tools.
- Automated builds and containerized deployments with **GitHub Actions**, hosting in a private Docker Hub repository for scalability.

Engineering Manager

2021 - 2024

VMware

- Delivered the Tanzu Developer Portal, combining Agile practices and customer feedback.
- Acted as SRE, deploying and supporting **Kubernetes** clusters across **GCP**, **Azure**, and **AWS**.
- Directed security operations, implementing vulnerability mitigation strategies.

Engineering Manager

2018 - 2021

Mastercard

- Led three teams in developing secure, API-based payment lifecycle products
- Directed the migration of legacy payment systems to Cloud Foundry microservices
- Spearheaded high-priority incident management as on-call manager, maintaining 99.9% system uptime across critical services.

Senior Big Data Engineer

2016 - 2018

Mastercard

- Led efforts to secure big data environments through robust configurations and vulnerability mitigations.
- Developed and deployed automation scripts for Hadoop cluster setup, significantly reducing operational workloads.

Distributed Systems Engineer

2015 - 2016

Mastercard

- Scaled Mastercard's global infrastructure using Cisco UCS and Nutanix solutions, automating provisioning to improve deployment speed and efficiency.

Systems Engineer

2013 - 2015

Mastercard

- Achieved JAMF certification and integrated macOS devices into Mastercard's secure corporate environment.

SKILLS

- **Cloud Platforms:** Kubernetes, Docker, GCP, Azure
- **Development:** Python, Shell, SQL, CI/CD, Argo CD
- **Cybersecurity:** DevSecOps, Cybersecurity Kill Chain, Vulnerability Management
- **Agile Practices:** Scrum, Kanban, Project & Stakeholder Management
- **Soft Skills:** Team Leadership, Communication, Technical Documentation

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)
- Google Cloud Cybersecurity
- Certified Argo Project Associate (CAPA)
- Apollo Graph Associate

EDUCATION

Southern Illinois University - Edwardsville

B.S., Management Information Systems

August 2013

VOLUNTEERING

St. Peters Hockey Club Coach