PETER ALCOCK

ABOUT

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SUMMARY

My objective is to find and help great companies deliver greater value by maximizing the intersection of creativity and information technology for the benefit of humanity.

EXPERIENCE

MARK43
SENIOR DEVOPS ENGINEER
09/2016 - 05/2017

The Mark43 platform unites a set of software tools securely in the cloud, making access to reliable and actionable information a reality for first responders.

- Built API route management system to ease integrations and monitoring.
- Architected centralized authentication system, securely linking police departments across the country in a unified data federation.
- Developed internal employee security auditing tool to manage large scale phishing campaigns using click tracking and browser hooking methods.

HOME BOX OFFICE
SENIOR INFRASTRUCTURE ENGINEER
11/2014 - 05/2016

Brought onto Digital Products team to revitalize DevOps innovation for HBOGO

- Incrementally off-boarded legacy systems out of several US data-centers onto Amazon Web Services, while architecting on-premesis and cloud-based supporting systems to withstand stress brought on by Game of Thrones.
- Developed internal tools, infrastructure build pipelines and acceptance test harnesses to facilitate faster integration and regression testing.
- Lead engineer for "Greenseer", an internal SRE platform for security management and tracking, incident communication, and certificate issuance.

TURNER BROADCASTING SYSTEM
SENIOR SOFTWARE ENGINEER
05/2014 - 11/2014

Developed internal software solutions for Turner Digital, a key part of the 2020 re-organization initiative

- Developer for internal applications to manage digital advertising across CNN, AdultSwim, ESPN, and others.
- Lead engineer for Helmet, the advertising health coverage tool currently scanning all Turner digital ad properties.
- Analyzed code changes to assess the ongoing progress of developers as they moved the Google DE to DFP API syntax.
- Responsible for delivering internal tools covered by unit, integration, and acceptance testing harnesses.
- Ensured security best practices were implemented in preparation for annual compliance audits.

VISIKARD
DIRECTOR OF INFRASTRUCTURE
09/2011 - 05/2014

Oversaw engineering initiatives between development, UX design, and quality assurance staff, managing a team of over thirty developers, system administrators, and user experience designers.

- Full responsibility for the delivery of mobile ads, negotiation of advertising rates, and integration of ad bidding platform.
- Conducted usability tests, market research, UX design, engineering, partnerships, and fundraising.
- Established test-driven development, release management, monitoring, and escalation procedures.
- Designed new scalable infrastructure architecture on AWS, gradually sun-setting legacy data-centers
- Implemented natural language processing engines to scan conversations to score sentiment and identify influencers.
- Integrated search and recommendation engines to suggest products and compatible profiles.
- Developed internal CMS and user statistics dashboard to give customer experience team control over content.