PETER BLUM

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OBJECTIVE

Passionate engineer that aims to think differently than those before. Focused on teaching customers cutting-edge technology and best practices the best way possible: by doing it. The knowledge we absorb while doing is just as valuable as the finished product itself.

SKILLS

Programming GOLANG, PYTHON, JAVA, SPRING, C, C++, BASH, SQL, AGILE, EXTREME PROGRAMMING

Business VALUE STREAM MAPPING, TIME ANALYSIS, SNAP NOT ANALYSIS PARALYSIS, PUBLIC SPEAKING, TEAM LEADERSHIP

System GOOGLE CLOUD PLATFORM, AMAZON WEB SERVICES, VMWARE VSPHERE, DOCKER, KUBERNETES, CLOUD FOUNDRY, TERRAFORM, JENKINS, CONCOURSE, TRAVIS

WORK EXPERIENCE

Mar '17 – Present PLATFORM ARCHITECT

Pivotal Software

Worked with F500 companies to achieve their outcomes and successfully transform the way they build software by building and running cloud-native applications.

Modernize Applications - Transformed customers legacy application portfolio to a cloud-native portfolio. Thusly incrementally reducing time, cost, and operational inefficiencies while maintaining security, resilience, and compliance. Language agnostic with a focus on Spring, golang, and .NET

Path-To-Production - Utilized Value Stream Mapping to understand what customers end-to-end path to production would be. Identified where CI/CD automation could be utilized to reduce waste and improve time to market.

Multi-Cloud Strategy - Enabled customers across both public and private clouds to build and running Pivotal Application Service (Cloud Foundry) and Pivotal Container Service (Kubernetes). Optimized customers time to market by enabling the business to focus on value add tasks rather than cloud challenges.

Mar '14 – Mar '17 SOFTWARE ENGINEER

EMC²

Took part in the EMC² REX-Ray project which focused on enabling collaboration between organizations by creating enterprise-grade storage plugins for the Container Storage Interface utilized in Docker, Kubernetes, and Mesos.

Ran "skunk-works" type project to enable the HypermaxOS QA team to release a constant flow of software updates into production to quicken release cycles, lower costs, and reduce risks associated with development. Started with fully manual regression and performance testing cycles which was brought to over 85% automation by building a custom QA CI/CD framework.

May '13 – Jan '14 CYBER DEFENSE ENGINEER

Federal Reserve Bank of Boston

Rebuilt the security resolution process from a manual many day process to an automated process of under 30 minutes. Federal Reserve Bank monthly threat report was publicly published with metrics obtained from new security architecture proactively.

MITRE Corp. *May '11 – Mar '13* SYSTEM ADMINISTRATOR

ACADEMIA

UMass Amherst *2010 - 2014* BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Jan '12 - Mar '14 GLOBAL ENVIRONMENT FOR NETWORK INNOVATIONS

Networking Lab - Partnered with YouTube to enhance performance of steaming video by separating packet switching from management.