John Dorman
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Objective

Dedicated and seasoned technology professional with two decades of hands-on experience in software development, systems architecture, and high-availability. Seeking a leadership role that allows me to mentor, learn, and solve the biggest challenges in tech today.

Skills

Platforms: Windows, Linux, macOS, Android, AWS, GCP, Azure, K8s/K3s, Serverless

Expertise: Java, Go, Rust, Python, Typescript, React, C/C++, AMD64 Assembly, Ghidra, IDA Pro, LLVM

Networking: (**ASN**: [389759](#)), Load Balancing (L4/L7), L3 Routing/Switching, Multihoming, NAT, IPv4/IPv6, ARP, BGP, Firewalls, IPSEC, DDoS Mitigation, IPS/IDS, MPLS, RPKI, iperf3

Github: [boostchicken](#)

Maintainer: [Unifios-utilities](#), [Spring-Data-DynamoDB](#)

Contributions: OpenTelemetry-Collector, Spring, Envoy, Twitch4j, Troposphere

Experience

Production Engineer (L7) - Meta, Remote, US

2022 - 2023

Developing a reliability practice for the Metaverse

- Migrated Oculus Studios subsidiaries to Meta infrastructure. This included migrating multiplayer services from bespoke C# solutions to the Meta Graph
- Created a business proposal illustrating the merit of embedding Production Engineering into the Horizon product development team.
- Regular meetings with stakeholders and cascade of new priorities as they come.
- Managed the monthly PE Share meeting, scheduled presenters, assisted with their presentations

Distinguished Engineer - PlayStation, San Diego, CA

2019 - 2022

Modernizing our global Observability stack

- Defined our roadmap for the next 3 to 5 years, focusing on easing developer adoption and providing unified visualization solutions of Telemetry stored in multiple data sources
- Defined Observability requirements for the PS5 launch, including Traces, Metrics, and Logs
- Instrumented the Playstation 5 hardware with Tracing, enabling E2E visibility
- Implemented a bespoke org-wide Observability pipeline, later pivoted to OpenTelemetry
- OpenTelemetry contributor. Responsible for the Datadog Trace Receiver.
- Productionized my serverless patterns allowing organization wide adoption
- Responsible for operations of the largest service in SIE by throughput and TPS. Using a highly distributed serverless model our service achieved 100.00% uptime over the span of 1.5 years.

Principal Architect - PlayStation, San Diego, CA

2018 - 2019

Driving organizational change and cloud adoption after a successful migration.
- Transitioned AWS operations to newly formed purpose built teams
- Collaborated with our DevOps org to adopt containers. This includes EKS (k8s) and ECS.
- Participate as a approving member of our architecture review board
- Final escalation for incidents and member of our operations review board
- Mentored engineers of all types, helping them pivot their skill set to the Cloud.

Manager, Cloud Engineering - PlayStation, San Diego, CA

2017 - 2018

Tip of the spear for the Navigator migration to AWS. Under my leadership, we successfully migrated over 100 services to AWS in 15 months with zero customer impact.
- Designed and implemented a manifest of our whole platform completely transitioning the organization away from manual processes to an automated, immutable, self-healing infrastructure.
- Delivered a traffic routing solution that allows us to move traffic between data centers without customer impact
- Developed a cost model and budget for AWS allowing us to negotiate better rates.
- Collaborated with AWS engineers leading to the creation of multiple managed services.
- Reviews, mentoring, promotion recommendations, compensation adjustment, and routine 1:1s with my direct reports.

Staff Cloud DevOps Engineer - PlayStation, San Diego, CA

2016 - 2017

Proving a migration to AWS was possible through migrating a single service.
- Successfully migrated a single service to AWS as a POC following an immutable infrastructure model proving full automation of the platform was possible
- Developed standard Infrastructure deployment automation by partnering with CICD
- Introduced the concepts of immutable artifacts and Infrastructure as Code to the organization
- Designed and implemented a fully automated CI/CD platform for AWS
- Partnered with Security to ensure all architecture met PCI and stood up to red team exercises

Lead Cloud Engineer - Human Longevity Inc., San Diego, CA

2015 - 2016

Managing the infrastructure and developing solutions to support the largest whole human genome sequencing laboratory in the world.
- Created a full CI/CD platform using TeamCity, Artifactory, and CloudFormation
- Created a solution for the encryption and delivery of over 500 TB of data to clients
- Defined OnCall procedure and our escalation process and alerting mechanisms using PagerDuty
- Implemented inter-region S3 migration of over 7PB of data with 100% accuracy
- General AWS support and troubleshooting working closely with our enterprise support team

Senior Site Reliability Engineer - Verizon Networkfleet, San Diego, CA

2014 - 2015

Hired as the first member of the Site Reliability Engineering team, defining its mission and increasing our uptime and observability.

- Implemented Dynatrace APM and Splunk across our allenvironments
- Trained engineers on how to use Dynatrace and Splunk
- Responsible for load testing and benchmarking of all our applications
- Defined our SRE roadmap and and oversaw implementation
- Deep dive troubleshooting across the full stack for performance issues.
- Wrote post-mortems on production maintenance with an eye towards process improvements

Senior Software Engineer - Union Bank, San Diego, CA

2012 - 2014

Java engineer creating our alerts platform and Android application. Used Java 1.6+ JBOSS, EJB, Hibernate, and Spring.

Software Consultant - Cynergy, San Diego, CA

2010 - 2012

Tech lead developing backends for Rich Internet Applications using HTML5 and BlazeDS using C# and Java.

Web Developer - agencyQ, Washington, DC

2006 - 2010

Developed bespoke CMS and CRM solutions for multiple different companies. Recognized for creating a groundbreaking social analysis module for SugarCRM.

Education

2005 - 2006
George Mason University - Fairfax, VA

2001 - 2005
Northern Virginia Community College - Loudoun, VA - Dual Enrollment Program
Herndon High School - Herndon, VA - Sr. Tech Aid and Tech Theater honors

Certifications

AWS Certified DevOps Engineer - Professional
April 2018 - April 2020
Validation Number 77PTT1BKLBF4QC3M

References and code samples available upon request.