

Chad Edge

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DIRECTOR OF ENGINEERING

Director of engineering with a wealth of technical expertise and leadership experience across disciplines and large-volume domains. Managing diverse Dev, QA, DevOps, Project, and Product personnel, from 30+ headcount to large multi-hundred offshore teams. Capable of solving complex engineering challenges, translating “bar-napkin” ideas to iterative deliverables. Certified Scrum Master.

KEY SKILLS

Software engineering | Agile methodologies | AWS proficient | Kubernetes & Docker | Microservices Shift-left | CI/CD | Project management | Budgeting | Build/Buy | Cloud | SDLC | Distributed systems
Leadership & mentoring | FAST channel & DigiNet | Helm & Terraform | SQL and NoSQL | PHP since 1997
Python, Go, AI/ML comfortable | Enterprise & Startup seasoned

PROFESSIONAL EXPERIENCE

PARAMOUNT – Burbank, CA

October 2021 – September 2023

Director of engineering

- Led a dynamic group of 27+ engineers, DevOps, QA, Scrum, and product owners across CBS Media Ventures initiatives, employing CI/CD, AWS, and customized SAFe approach to streamline operations and enhance collaboration with external stakeholders.
- Developed rollouts of process improvement across department merging the needs of a multi-tenant department, improving reusability for components, and grossly reducing runtime errors by 80%.
- Led the evolution of a substantial on-premises architecture into Kubernetes (EKS) and serverless Lambda, optimizing microservice cloud systems for video transcoding, ingestion, and distribution for renowned brands, boosting system agility and reducing operational costs by 25%.
- Fostered clear career growth paths for direct reports, specializing in measurable outcomes and deliverables, resulting in 3 new managers and 2 new leads.

PARAMOUNT – Burbank, CA

October 2020 – October 2021

Senior Manager of Engineering

- Managed team of engineers, QA, and DevOps to deliver stable, reusable solutions for large Web and streaming platforms.
- Reduced estimate adjustments by 50% through training and best-practice sessions (shift-left).
- Implemented an agile approach to quarterly NFR initiatives, resulting in a 40% decrease in technology deployment time and a 25% increase in departmental efficiency and productivity.
- Oversaw 3 on-site contractors for creation of 2 new iOS/Android mobile applications (VOD and live streaming) - leveraged Kotlin and on-device storage for viewer customization (allowed us to eliminate any PII or network "account" storage).

PARAMOUNT – Burbank, CA

April 2016 – October 2020

Manager of Engineering

- Delivered top-tier Web solutions servicing many customer types, eliminating unique CMS and DAM products into singular platform (Drupal, PHP), reducing deployments by 1,300%.
- Managed both on-site engineering staff and long-term contractors through 13 distinct high-volume and high-visibility brands.
- Wrote massive (16m+ unique) PII “booking” system for brands to allow for broadcast guest control, tracking, and viral publishing, leveraging Laravel/CakePHP.

LUXOFT SMASHING IDEAS – Seattle, WA

April 2014 – January 2016

Senior Back-end Developer

- Developed APIs for ingesting/distributing schedule content and media objects for over 1,000 domains across 85 countries, largely Drupal/PHP based.
- Created and curated project plans, implementation, and use-case documents to maximize throughput and reusability.

NORDSTROM – Seattle, WA

July 2013 – February 2014

Senior Interactive Developer

- Influenced main retail Web sites (Nordstrom % The Rack), developing in ASPX (MVC).
- Promoted to managing dispersed (local & offshore of 200+ members) teams by coordinating project dependencies.

CROWN SOCIAL AGENCY, Seattle WA

June 2013 – August 2013

Contract Developer

- Built Facebook integrated Web application for Dungeons & Dragons, allowing tens of thousands of “players” to contribute and guide the next generation of D&D, leveraging CodeIgniter/Laravel (PHP).

RELABORATE.COM (startup) - Seattle WA

November 2012 – May 2013

Lead Developer (PHP)

- Extended Wordpress (PHP, LAMP) platform and AWS services to build a pre-AI “predictive content creation” solution for long-form content editors. Leveraged LAMP, Comet, Scala and long-polling APIs as the sole developer.

KORRIO.COM (startup) – Seattle, WA

June 2011– November 2012

Lead Developer (PHP)

- Created advanced privacy matrix (RBAC) which ensured real-time security and access updates for coaches, parents, and children.
- Developed custom multi-master/replica AWS RDS system for “slow lane” ingestion of millions of onboard records without impacting application performance.
- Added multicast secure communication (SMS/Call/Email/Push) for up-to-second field and team collaboration.

THE SEATTLE TIMES – Seattle, WA

March 2006 – December 2010

Senior Systems Analyst

- Lead developer on many internal “problem-solving” applications, geared towards reducing workload, asset cost, and subscription fees for all departments of the leading daily newspaper and news source in Western Washington.
- Developed a multi-database media asset solution replacing Extensis Portfolio server/client resulting in a \$30,000+ savings per deployment and eliminating dozens of licenses (bare-metal server building, LAMP, Oracle).
- Guided technical initiatives (social sharing, rapid analyzing of ingest photographer media) leading to 2010 Pulitzer Prize, and 2010 AMPE Innovator of the Year award.
- Co-wrote two volume Agile/Act SDLC project management system, used by publishing systems and sports department.

Long-form (going back to 1993!) resume is available at

<https://www.chadedge.com/longform>

EDUCATION**New England College – Henniker, NH**

Attended 1994

Communications, Print Media.

Left due to massive shift in desktop publishing and focus on technology.