

EXPERIENCE

APPLE CUPERTINO, CA SENIOR SOFTWARE ENGINEER 2018-PRESENT

- Owns a critical surface in one of the most valuable services organizations in the world.
- Leads cross-org initiatives to adopt, refine, and improve quality, reliability & latency.
- Mentors engineers across multiple continents, reviews architecture, promotes a culture of quality.
- Drives a relentless focus on the customer experience.
- 100% Remote.

GROUPON CHICAGO, IL SENIOR PRODUCTION TOOLS ENGINEER 2012-2018

- Technical Lead for the CI/CD team — owning vision, OKRs, scoping, prioritization, and cross-team alignment across the director's purview.
- Managed large-scale Jenkins/Mesos/Marathon CI-as-a-service environment; built metrics pipelines surfacing MTRR, CTTS, JVM, and canary data to ELK and Wavefront.
- Designed pipeline-driven CI workflows with parallelized integration tests, static analysis, immutable Docker artifacts, and automatic UAT/Staging deployment; resolved complex Docker challenges involving NFS, caching, overlay filesystems, and ulimits.
- Led end-to-end migration of 50+ legacy Node applications to Docker with zero user impact; crafted CI/CD best practices for building, pipelining, and deploying containerized applications.
- Built a Service Portal consolidating information on 500+ services into a centralized, auto-refreshed dashboard used by SRE, SOC, devs, and management.
- Implemented globally-redundant artifact storage (Artifactory) across 3 data centers on 2 continents with a 2-tier DR failover design providing availability during multi-DC outages.
- Researched and delivered cross-functional migration of on-premise GitHub Enterprise to a private VPC on AWS.
- Optimized legacy Ruby CMDB/central config service, reducing update cycle time by 97% to 30 seconds across 25,000+ hosts; productionized legacy applications by adding metrics, monitoring, and alerting.
- Championed "Outside-in Testing" methodologies and CI adoption across all projects; built Java and Ruby production frameworks and deployment tooling.
- Mentored junior developers across multiple years, including international remote pairings.

LINDEN LAB SAN FRANCISCO, CA RELEASE MANAGER 2008-2011

- Built the Web Release Manager position, tamed the Wild West, brought order to the land.
- Responsible for daily planning, deployment, and crisis management of 40 web applications.
- Coordinated and executed rollouts with tiered dependencies across web, client, server, and API.
- Migrated legacy web applications to in-house Amazon EC2 artifact build and deployment service.
- Standardized configuration management system across all web applications.
- Built deployment alerting and IRC notification tools.
- Communicated daily with Ops, Devs, QA, NOC, directors, managers, creative, etc.
- Reduced production failures by building staging environments with near-production capabilities.

- Consulted with teams early in design phase to recommend best practices and ensure smooth releases.
- Worked 100% remotely with occasional trips to the Bay Area.

WEST MONROE PARTNERS

CHICAGO, IL

SENIOR CONSULTANT

2004 – 2008

- Advanced from entry-level developer to Senior Consultant in 3 years.
- Completed over 20 successful projects for over 15 middle-market clients in less than 4 years.
- Architected, developed and deployed medium and enterprise-grade websites and web applications.
- Became the firm's thought-leader on Content Management, Open Source, SEO and W3C.
- Mentored, supervised and challenged over 10 junior-level staff members.
- Created and executed RFPs, RFQs, Proposals, SOWs, Project plans, etc.

EDUCATION

UNIVERSITY OF ILLINOIS

URBANA-CHAMPAIGN

2003

UNIVERSITY OF NOTTINGHAM

NOTTINGHAM, ENGLAND

- Bachelor of Arts, Liberal Arts and Sciences, Economics
- Specialization in Quantitative Reasoning
- Minor in Computer Science

SKILLS

Operating Systems

Linux, Mac OS, BSD, Windows

Languages

Kotlin, Ruby, Rails, Java, Python, Javascript, jQuery, Groovy, Bash, Go, Make, SQL, PHP, C++, Perl, C#, .NET, Lisp, Android SDK

Databases

MySQL, PostgreSQL, MSSQL, NoSQL: Redis, KeyVal, Memcached

AI

Claude, Gemini, OpenAI, MCP, LangChain, Ollama

Platforms + Services

AWS, GPC, Docker, OCI, Ansible, Splunk, Nagios, Kafka, Wavefront, Github Enterprise, Bitbucket, G-Suite, Jira, IRC, DC/OS, Mesos, Marathon

Concepts

OTEL, Testing, DevOps, DR, Networking, VPNs, Firewalls, Load Balancing, Tunneling

Web Technologies

HTML, CSS, REST, XML, JSON, Nginx, Apache, Tomcat, Varnish, Squid, HAProxy

Technologies + Tools

TLS, GPG, DNS, mTLS, mDNS, LDAP, DHCP, SSH, PXE, IMPI, TCP/IP, Git, Hg, SVN, CVS, NFS, Qmail, Postfix, Sendmail, Jenkins, Vim

INTERESTS

Entrepreneurship, The Maker Movement, Property Management, Permaculture, The Fine Art of Smoked Meats, Cycling, Snowboarding, Burning Man, Nonprofit Management, Fitness, Yoga, Fatherhood, Husbandry, Community Organizing, Fire Dancing, Adrenaline, Feeding the Hungry.

EXTRACURRICULAR ACTIVITIES

CHIDITAROD FOUNDATION CHICAGO, IL FOUNDER, PRESIDENT, CTO 2006-PRESENT

- Founded an annual costumed shopping cart race that is part food drive, bar crawl, talent show, fundraiser, fashion show, and “artist generator”. Charity. Prizes. Glory.
- Evolved the race from a simple pub crawl with canned food donations to a 501(c)(3) charitable foundation devoted to addressing hunger challenges through grants, art, and education.
- Raised more than 190,000 pounds of food and \$230,000 in donations since inception.
- Created and Implemented an annual grant program with awards of \$121,500 to date with a focus on serving economically and nutritionally distressed geographic areas.
- Grew the race from 125 participants in 2006 to more than 1,000 participants and 300 volunteers.
- Built and open-sourced all software, including a Rails app that has processed over \$100k.
- Designed and released the Rod-in-a-Box Toolkit, 13 years worth of CHIditarod resources, designed to enable anyone to produce a CHIditarod-like event in their own communities.
- Inspired and mentored more than 5 similar events around the world.
- President of the 7-person Board of Directors.
- Plenary Speaker at the 2016 Burning Man Global Leadership Conference in San Francisco, CA.

PYROTECHNIQ CHICAGO, IL CO-FOUNDER, PERFORMER 2006-2016

- Co-founded a fire performance dance troupe based in Chicago and built it into a \$100k+/yr business.
- Designed, produced, and executed hundreds of visually stunning kinetic fire performances for corporations, municipalities, community groups, and individuals on an international level.
- Maintained 100% positive safety record with endorsements from fire marshals in multiple states.
- Ninja skills achieved: SMB management, S Corps bookkeeping, accounting, banking, insurance, choreography, dance, movement, costume design & fabrication, music & video production.

THE MAD HADDON PROJECT CHICAGO, IL CO-FOUNDER, PARTNER 2016-PRESENT

- Currently rehabbing a 16,000 square foot abandoned warehouse into a multi-faceted Makerspace.
- Metal shop, wood shop, artist studios, special project production, fabrication capabilities.