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Technology Keyword Summary: Go, Rust, Ruby, SQL | Git, Linux, Docker/Podman, Terraform, FaaS, AWS, PostgreSQL

About:

I am an architect / engineer / leader / mentor who likes to build, solve problems and create positive, thoughtful working cultures of expertise.

Practices:

Problem conscientious, solution focused: Within every project, business and customer engagement lies a problem that needs solving; I strive to cut through the noise to identify a clear problem statement and deliver thoughtful and innovative and solutions that exceed expectations.

Scalable systems, scalable business: A good software engineer knows how to build scalable software systems, a skilled leader knows success is building effective teams, and I work to make businesses successful through the experienced application of both.

The finish line is only the beginning: Delivering is a critical part of success, but it doesn't end there. Through thoughtful architecture, continuous improvement and a lifelong commitment to quality I help maintain upward momentum while keeping tech debt under control.

Education:

Colorado State University: Class of 2008

Major: Computer Science / Applied Computing Technologies   **Minor:** Business Administration

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Accomplishments:

Agile champion: Successfully championed and converted three organizations and two teams into a formal agile workflow which radically increased throughput, transparency and responsiveness between teams and stakeholders helping businesses run smoother and more predictably.

Team builder: Hired and mentored more than twenty engineers building well gelled teams and helping less experienced engineers grow into senior roles with hands-on directed mentorship.

Better, faster software: Re-architected, re-worked and improved more than ten products, reducing costs, increasing throughput up to 100x while also improving reliability up to 99.99%.

Business acumen: Worked directly with business owners of five different businesses helping to shape, refine and sharpen key business strategies, identify market/product opportunities, execute important acquisitions, brand enhancements and work directly with stakeholders to help accelerate growth and win investments.

Relevant Career Experience:

Planned Time Off

Remote   **June 2024 - June 2025**

Technologies: Linux, Podman, SaltStack, Xen, Go, Rust

Summary: Taking a brief break to work on passion projects and to gain fresh perspective.

Independent Contractor

Remote   **January 2023 - June 2024**

Technologies: Linux, Docker, Go, Terraform, AWS, Postgres

Summary: Contract-based engagements for small businesses and startups with a focus on delivering prototypes and production-ready services as well as providing strategy for business development and team building.

Projects:

- **Stealth Startup:** (6-month contract) Backend and IaC development to bootstrap a service focused helping international student athletes manage relationships with universities.
- **Neone:** (6+3-month contract) Enhancing an existing set of Go services as well as delivering 4 new services to aid in future business development.
- **Kaptain Adventure:** (6+3-month contract) Providing paid code review for offshore development helping to ensure quality, security and affordable cost of ownership.

Crash Pad

Remote   **June 2022 - December 2022**

(Unable to secure funding)

Title: SVP of Engineering   **Technologies:**   Linux, Docker, Go, Terraform, AWS

Summary: Core technological strategist, responsible for comprehensive IT, systems and software development strategies.

Accomplishments:

- Full implementation of unified cloud strategy, utilizing IaC (infrastructure-as-code) for anticipated services and needs.
- Investigated, budgeted and collaborated with external contractors to deliver a secure on-premise and cloud based systems.
- Participated in high level design discussions and resolved key technological blockers which could be delivered on an aggressive schedule.

Joyn

Remote   **February 2020 - April 2022**

Formerly Tournament Kings

Title: Principal Engineer / COO 09/20 - 04/22   **Technologies:**   Linux, Docker, Go, Terraform, AWS

Principal Engineer 02/20 - 09/20

Summary: Business leader, architect, active engineer, owner/operator of technical team, owner/operator of multiple teams.

Accomplishments:

- Engineered and handed off more than 6 integral services and APIs.
- Built new tools and systems to enable much higher levels of business intelligence and decision-making.
- Introduced, dockerized, managed and maintained CI and Deployment processes for multiple products spanning dozens of servers.
- Full re-architecture of the business cloud strategy; migrated from hand rolled infrastructure to a fully managed automated scalable cloud.
- Recruit, hire and manage contractors and employees (6 in total) in and outside the technology team.
- Guided business through more than 7 strategic acquisitions, served as the technical lead in integrations.
- Worked directly with the business owners to help shape internal and external business strategies to help accelerate funding and growth.
- Founded the security team which fixed hundreds of vulnerabilities and helped champion security as a practice throughout the organization.
- Converted organization into a new monthly agile process that spanned the entire company, with increased transparency, ownership, accountability, throughput and employee satisfaction.

FluentStream Technologies

Denver, CO

June 2019 - February 2020

Title: Director of Engineering

Technologies: Go, C/C++, Lua, Terraform, GCP, Digital Ocean

Summary: Technical leader and architect for an existing team; helped deliver multiple projects and support growth goals.

Accomplishments:

- Worked directly with owners to help define product and technology strategies.
- Directed a team of 10 on multiple projects with many stakeholders and timelines.
- Architected, delegated, documented, reviewed and delivered multiple high-throughput applications.
- Designed and oversaw the construction of automated / managed / cost-effective infrastructure and policies.
- Investigated and implemented new technologies to enable the business to reach new markets and increase throughput.
- Owned and championed multiple cross-departmental teams to help champion best-practice, innovation and security.
- Worked directly with investors and key technology team members to evaluate multiple acquisitions, some well above the $10 million mark.
- Converted multiple teams to a new agile process with measurable goals, transparency, ownership and accountability resulting in increased throughput.

Aspen Digital Life

Remote

2018 - 2020

Formerly Janika Systems LLC

Title: Principal Engineer

Technologies: Go, C/C++, Terraform, Serverless, AWS, React

Summary: Co-founder, technical lead and senior engineer of a new team; built multiple products and shaped the business.

Accomplishments:

- Architected, built, documented and delivered multiple high-throughput applications.
- Worked directly as a founder to help define product, branding and technology strategies.
- Built automated / managed / cost-effective infrastructure to host multiple applications for native run-times and in the cloud.
- Recruited, hired and managed contractors and employees (5 in total) in and outside the technology team.
- Investigated and implement new technologies to enable the business to reach new markets and increase throughput.

Meshworks

Remote

2017 - 2018

Title: Technical Consultant / Senior Software Engineer

Technologies: Go, Ruby, Terraform, Serverless, AWS

Summary: Technical adviser / consultant for multiple small businesses; delivered prototypes and strategy for new projects.

Accomplishments:

- Integrated business critical services and providers.
- Architected, built, documented and delivered multiple high-throughput applications.
- Consulted with small business owners to help define product, branding and technology strategies.
- Built automated / managed / cost-effective infrastructure to host multiple applications on premise and in the cloud.

Teliax Inc.

Denver, CO

2011 - 2017

Title: Director of Engineering

Previously: Senior, Lead (Engineer)

Technologies: C/C++, Lua, Swift, Ruby/Rails, Python, SaltStack, Jenkins, PostgreSQL, FreeSWITCH, ZeroMQ, HTML/CSS/JavaScript

Summary: Company technology lead, architect, engineer and cross-departmental leader; built teams, products and culture.

Accomplishments:

- Worked with business leadership and executives to establish requirements for multiple new products designed to exploit emerging markets.
- Worked with and enhanced existing systems and services already in place.
- Reviewed architecture, design and code for potential issues and risk assessment, improving performance and reliability across the company.
- Managed and trained team of 6 to help develop large scale applications and distribute tasks.
- Solved real-time and distributed computing problems using Rails, C, Lua and ZeroMQ to build a highly elastic and reliable platform capable of being deployed on and off network.

Davita

Denver, CO

2010 - 2011

Title: Software Engineer

Technologies: Flex, Air, ColdFusion, OracleDB, Ant

Summary: Technical contributor and software engineer; helped champion best practices, modern software architecture.

Accomplishments:

- Designed, documented, wrote, debugged and reviewed exiting application code for new and existing applications/features.
- Developed and enhanced existing feature sets to satisfy customer new needs and to fix existing issues.
- Reviewed architecture, design and code for potential issues and risk assessment.
- Worked directly with physicians, nurses and technicians to design intuitive electronic health record interfaces for recording, referencing and reporting on medical encounters.
- Lead meetings and tasks dedicated to continuous improvement and introduce new policy.

Brandwise

Lakewood, CO

2009 - 2010

Title: Software Quality Engineer

Technologies: C#, .Net, SQL, JavaScript

Summary: Technical contributor and quality engineer; helped review code and architecture to de-risk and champion quality.

Accomplishments:

- Complex data manipulation and integration via SQL and various integration software.
- Implemented automated testing procedures and infrastructure.
- Defined and executed continuous software testing for quality assurance.
- Code reviewed of lengthy SQL stored procedures and C# applications identifying issues and potential risks and working with the engineering team to repair applications before go-live.

Integware

Fort Collins, CO

2008 - 2009

Title: Quality Engineering Manager

Technologies: Ruby, Java, Python

Summary: Technical lead and quality engineer; served as quality leader and helped to automate and modernize process.

Accomplishments:

- Coordinate testing resources while preforming risk analysis, develop long-term test plans and annual budgets.
- Review code from software engineers and architects to help identify and fix bugs.
- Research new technologies and coding strategies to establish and streamline business processes.
- Review engineering documents from local teams and foreign partners to assess risk and implement new test strategies to eliminate potential issues due to change.
- Create and maintain customized automated test software. Automation engineering.
- Software testing, bug analysis, quality evaluation and automated reporting.
- Review and work with industry experts on medical device manufacturing compliance regulation and requirements.

Brandwise

Lakewood, CO

2003 - 2008

Title: Data Specialist / Tier 3 Support Engineer

Technologies: Bash, C#, .Net, SQL, JavaScript

Previously: Operational Automation

Summary: Senior product and customer expert; helped to grow a positive, knowledgeable and customer-centric culture.

Accomplishments:

- Customer engagement / on-boarding / integration
- Automation of common tasks for support and customer on-boarding.
- Complex data manipulation and integration.