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Experience

Consulting CTO	Hachi	11/2023 - Present
<ul style="list-style-type: none">◦ Product Description: We pulled information on content creators from all social networks to show a customized AI-created profile that highlights achievements.◦ Spearheaded product development, leading to a successful investor presentation and securing significant funding from Steel Perlot within just one month of development.◦ Orchestrated the strategic hire of a CTO and collaborated on the application's launch, demonstrating rapid execution and technical leadership.		
Senior Staff Engineer / Tech Lead	Move, Inc	9/2021 - 3/2023
<ul style="list-style-type: none">◦ Directed and reorganized a team of 10 engineers, mentoring 2 to promotion and integrating three interns as full-time contributors, enhancing team efficiency and accelerating project delivery.◦ Developed an in-house testing framework for AWS Lambda at Edge, reducing testing time from days to seconds.◦ Optimized a critical application, achieving a 20% reduction in costs and a 45% decrease in error rates, thereby enhancing system reliability and user satisfaction.◦ Streamlined operations by retiring multiple legacy applications, saving over \$600k annually in infrastructure costs.◦ Coordinated nine teams for a seamless authentication migration to Auth0, benefiting over 100 million active users.		
Senior Staff Engineer	Shopify	3/2021 - 7/2021
<ul style="list-style-type: none">◦ Enhanced the Core Development team's documentation site performance, implementing dynamic caching techniques that decreased response times by 17x.		
Tech Lead	VMware	1/2020 - 1/2021
<ul style="list-style-type: none">◦ Continued role, product, and duties post-acquisition by VMware, focusing on automating security updates for same-day release and ensuring platform security against CVEs.◦ Implemented CI/CD for documentation, ensuring users could copy-paste code without errors, reducing support tickets by 20%.		
Staff Software Engineer	Pivotal, Inc	12/2014 - 1/2020
<ul style="list-style-type: none">◦ Owned the software release process by implementing automation strategies, reducing delivery times from 1 month to 2 days -- "A surprising turnaround," said leadership.◦ Created CI/CD pipelines that tested the platform against all IaaS (AWS, GCP, Azure, OpenStack, and vSphere), which decreased the feedback cycle from 1 week to 45 minutes.◦ Engineered platform tools for secure and consistent deployment of the CloudFoundry platform. Including security scanning for application CVEs and credential management within a shared cloud environment. (4 patents)		
Software Engineer	Pivotal Labs	5/2010 - 2/2014
<ul style="list-style-type: none">◦ Adapted to diverse projects, promoting the Pivotal Labs ethos of pair programming, test-driven development, and agile methodologies.		
Software Engineer	Context Optional	8/2008 - 1/2010
Led development for the top-ten Facebook platform application (Bumpersticker), which achieved 8 million monthly active users.		
Software Engineer	Chumby	2/2007 - 8/2008
<ul style="list-style-type: none">◦ Developed an early Rails application for content management on embedded devices, utilizing AWS S3.		
Software Engineer	Soapbox Mobile	2006 - 2007

Skills

Programming Languages: Ruby, Go, JavaScript, TypeScript, Elixir

Frameworks and Libraries: Rails, React, NestJS, Next.js, Vite

Databases: PostgreSQL, SQLite, MySQL

Cloud Services & DevOps: AWS, GCP, CI/CD Practices

Development Practices: Test-Driven Development, Pair Programming

Patents

- US20220222096A1 - Container certificate injection: Allowed containers to receive dynamically created certificates for secure communication.
- US11263297B2 - Dynamic insertion of variablized secrets in pipeline systems: Securing containers with credentials based on a pre-defined manifest.
- US10235527B1 - Vulnerability notification for live applications
- US10229251B1 - Library scan for live applications

Education

University of Miami

BS and MS in Computer Engineering

Miami, FL