

JT Archie

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Objective

I am a technical leader with a consistent track record of rescuing and delivering products. My diverse experience has established best practices for greenfield projects. I am eager to help build great teams, lead and mentor in technical directions, and build products for people.

Skills

Programming Languages: 🍌 Go (15y), 🟡 Go (7y), 🟠 JavaScript (10y) / 🟢 TypeScript (3y)

Frameworks: 📦 Rails (15y), 🍷 NestJS (2y), 🌐 Next (2y)

Databases: 🐘 Postgres (10y), 📘 SQLite (8y), 🐬 MySQL (5y)

Cloud & DevOps: CI/CD, 🍌 AWS (10y), 🌐 GCP (5y)

Concepts: Pair Programming, Test Driven Development

Experience

Fractional CTO	Hachi	11/2023 - Present
<ul style="list-style-type: none">◦ Led development to successful investor presentation and securing significant funding from Steel Perlot.◦ Strategic hiring of the CTO, driving the company's technical leadership.		
Senior Staff Engineer	Move, Inc	9/2021 - 3/2023
<ul style="list-style-type: none">◦ Led a team of 10 engineers in a reorg, including mentoring 2 engineers towards promotion, and transitioning 3 interns into productive members of critical applications.◦ Pioneered an in-house testing framework for optimal utilization of AWS Lambda at Edge, enabling faster developer feedback loops.◦ Stabilized a critical application, reducing infrastructure expenses by 20% and significantly decreasing the error rate by 45%.◦ Retired legacy applications, resulting in over \$600k in infrastructure savings.◦ Coordinated 9 teams to align on authentication migration from a custom solution to Auth0.◦ Evaluated build vs. buy options for unique user tracking via fingerprinting technologies.		
Senior Staff Engineer	Shopify	3/2021 - 7/2021
<ul style="list-style-type: none">◦ Joined Core Development team as Tech Lead◦ Decreased documentation site response time 17x using dynamic caching techniques.		
Senior Member of Technical Staff	VMware	1/2020 - 1/2021
<ul style="list-style-type: none">◦ VMware acquired Pivotal◦ Automated security updates to have same day releases for		
Staff Software Engineer	Pivotal, Inc	12/2014 - 1/2020
<ul style="list-style-type: none">◦ Rescued three teams' software release cycles with automation strategies, accelerating delivery times from 1 month to 2 days for software patches and updates.◦ Championed CI/CD adoption, leading teams in transitioning from manual processes to automated pipelines with the mantra "Automate yourself out of a job." Contributed to the development of the Concourse CI product.◦ Engineered platform tools that enabled customers to deploy the CloudFoundry platform securely and consistently. (See patents)		
Software Engineer	Pivotal Labs	5/2010 - 2/2014
<ul style="list-style-type: none">◦ Worked on a dozen very diverse projects, adapting to varying tech stacks and business domains.◦ Championed Pivotal Labs' ethos, emphasizing pair programming, test-driven development, and agile practices. Advocated for agile methodologies, cultivating a collaborative ethos and bolstering team cohesion and success.		
Software Engineer	Context Optional	8/2008 - 1/2010
<ul style="list-style-type: none">◦ Sole developer on top 10 Facebook platform application (Bumpersticker) with 8 million monthly active users.		

Software Engineer	Chumby	2/2007 - 8/2008
<ul style="list-style-type: none"> ◦ An early Rails application that managed content on embedded devices. ◦ One of the longest running Rails application. 		
Software Engineer	Soapbox Mobile	2006 - 2007

Patents

- US20220222096A1 - Container certificate injection
- US11263297B2 - Dynamic insertion of variablized secrets in a pipeline integration system
- US10235527B1 - Vulnerability notification for live applications
- US10229251B1 - Library scan for live applications

Education

University of Miami	Miami, FL
BS and MS in Computer Engineering	08/2001 - 06/2006