

# 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

<b>Fractional CTO</b>	Hachi	11/2023 - Present
<ul style="list-style-type: none"><li>◦ Led development to successful investor presentation and securing significant funding from Steel Perlot.</li><li>◦ Strategic hiring of the CTO, driving the company's technical leadership.</li></ul>		
<b>Senior Staff Engineer</b>	Move, Inc	9/2021 - 3/2023
<ul style="list-style-type: none"><li>◦ 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.</li><li>◦ Pioneered an in-house testing framework for optimal utilization of AWS Lambda at Edge, enabling faster developer feedback loops.</li><li>◦ Stabilized a critical application, reducing infrastructure expenses by 20% and significantly decreasing the error rate by 45%.</li><li>◦ Retired legacy applications, resulting in over \$600k in infrastructure savings.</li><li>◦ Coordinated 9 teams to align on authentication migration from a custom solution to Auth0.</li><li>◦ Evaluated build vs. buy options for unique user tracking via fingerprinting technologies.</li></ul>		
<b>Senior Staff Engineer</b>	Shopify	3/2021 - 7/2021
<ul style="list-style-type: none"><li>◦ Joined Core Development team as Tech Lead</li><li>◦ Decreased documentation site response time 17x using dynamic caching techniques.</li></ul>		
<b>Senior Member of Technical Staff</b>	VMware	1/2020 - 1/2021
<ul style="list-style-type: none"><li>◦ VMware acquired Pivotal</li><li>◦ Automated security updates to have same day releases for</li></ul>		
<b>Staff Software Engineer</b>	Pivotal, Inc	12/2014 - 1/2020
<ul style="list-style-type: none"><li>◦ Rescued three teams' software release cycles with automation strategies, accelerating delivery times from 1 month to 2 days for software patches and updates.</li><li>◦ CChampioned 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.</li><li>◦ Engineered platform tools that enabled customers to deploy the CloudFoundry platform securely and consistently. (See patents)</li></ul>		
<b>Software Engineer</b>	Pivotal Labs	5/2010 - 2/2014
<ul style="list-style-type: none"><li>◦ Worked on a dozen very diverse projects, adapting to varying tech stacks and business domains.</li><li>◦ 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.</li></ul>		
<b>Software Engineer</b>	Context Optional	8/2008 - 1/2010
<b>Software Engineer</b>	Chumby	2/2007 - 8/2008
<b>Software Engineer</b>	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

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**University of Miami**

BS and MS in Computer Engineering

Miami, FL

08/2001 - 06/2006