

TYLER FLETCHER

Senior Software Engineer

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SUMMARY

Senior software engineer with 10+ years building scalable solutions from startup MVPs to enterprise-grade platforms. Proven track record establishing new technical capabilities and scaling engineering teams. Expert in full-stack development with deep specialization in AI/ML integration, data engineering, and cloud-native architecture.

0-to-1 Product Development

Founded technical departments and built foundational platforms across healthcare, hospitality, and policy management

Team Leadership & Mentorship

Hired, trained, and mentored engineering teams with strong delivery culture

Emerging Tech Adoption

Early implementer of AI/LLMs and modern cloud architectures; pragmatic about business impact

Cross-Domain Expertise

Healthcare compliance, guest relationship management, policy automation, enterprise integrations

EXPERIENCE

Senior Software Engineer

May 2025 – Present

Asurion (Fortune 300 technology services company)

- **Enterprise Migration Leadership:** Contributor on NextGen team modernizing store operations for 500+ locations using React + AWS
- **Feature Parity Development:** Built scalable React apps to achieve full parity with legacy systems while improving performance and UX
- **Cloud Engineering:** Architected AWS solutions supporting nationwide retail operations
- **Cross-Team Collaboration:** Coordinated technical strategy across enterprise-scale modernization initiative

Lead AI/ML Engineer

February 2024 - October 2024

Fishbowl, Inc. (Restaurant technology)

- **Established AI/ML Department:** Built capabilities from zero, defining strategy and roadmap
- **LLM Integration:** Shipped production AI tools using OpenAI, Anthropic, and open-source models
- **Data Platform:** Leveraged Snowflake for real-time analytics and ML workloads
- **Cross-functional Leadership:** Partnered with product and GTM teams to deliver tangible outcomes

Lead Data Engineer

September 2023 - February 2024

Fishbowl, Inc.

- **Full-Stack Platform:** Vue.js frontend with PHP/Python backend supporting core data workflows
- **Data Infrastructure:** Built pipelines and Snowflake architecture for complex analyses
- **AI Groundwork:** Established foundations for first AI integrations
- **Collaboration:** Delivered actionable insights across teams

Frontend Application Developer

April 2019 - November 2022

PolicyCo (B2B SaaS)

- **Founding Engineer:** Built core platform from MVP to production for enterprise clients
- **Real-time Editor:** Modular WYSIWYG with WebSocket collaboration
- **API Evolution:** Migration from REST to GraphQL (NestJS)
- **AWS Platform:** EC2, S3, API Gateway/Lambda, Elasticsearch
- **Team Leadership:** Hired and mentored 3 engineers; established code standards

Software Engineer (Web3)

November 2022 - July 2023

Nation Builders, Inc. (Startup)

- **Decentralized Platform:** Full-stack on Nation.io and Vellum.com
- **Smart Contracts:** Rust/Anchor on Solana for document signing and governance
- **AI Features:** OpenAI integrations in React/Next.js apps
- **Modern Backend:** Supabase (Auth, PostgreSQL, Blob storage) with real-time collaboration

Software Engineer

November 2018 - March 2019

naviHealth (acquired by Optum/UnitedHealth)

- Led Angular app team; mentored 3 juniors and set frontend standards
- Implemented CI/CD pipelines with DevOps
- Built internal tools for Medicare/Medicaid care-coordination

Associate Software Engineer

August 2017 - November 2018

naviHealth

- Migrated .NET monolith components to modular Angular apps
- Operated HIPAA-compliant SQL Server systems
- Contributed across multi-disciplinary feature teams

TECHNICAL SKILLS

Programming Languages

JavaScript/TypeScript, Python, Rust, PHP, C#

AI/ML & Data

OpenAI/Anthropic APIs, LangChain/LangGraph, Hugging Face, Snowflake, Vector DBs, Real-time analytics pipelines

Frontend

React/Next.js, Vue.js, Angular, Modern CSS/Tailwind, WebSocket features

Backend & APIs

Node.js/NestJS, Express, GraphQL, REST, Microservices, Serverless (AWS Lambda)

Cloud & DevOps

AWS (EC2, S3, Lambda, API Gateway, RDS, Elasticsearch), Docker, CI/CD, IaC

Databases

PostgreSQL, SQL Server, Snowflake, Supabase, Elasticsearch, Vector databases

Specializations

Real-time collaboration, WYSIWYG editors, Healthcare compliance, Enterprise integrations, 0-to-1 product development

EDUCATION

Computer Science

2011-2013

Motlow State Community College

General studies and Computer Science

High School

2008 - 2011

Cannon County High School

CERTIFICATIONS

BUILD 2023: LLM BOOTCAMP BADGE

Snowflake

Fundamentals of LLMs and building with generative AI on Snowflake.

BUILD 2023: SNOWFLAKE BUILDER BADGE

Snowflake

Completed ten sessions (incl. one lab) at BUILD 2023.

DEVELOPER RELATIONS

DevRel Uni | 2023

Masterclass for Developer Relations professionals.

NIGHTS & WEEKENDS

Buildspace | 2023

Community and e-learning platform for developers.