

TYLER FLETCHER

SENIOR SOFTWARE ENGINEER

Driven by an insatiable curiosity, I approach technology not just as a tool, but as a means to craft **impactful** solutions, **bridge gaps**, and **push boundaries**. Whether leading a team or driving projects solo, I'm a strategic thinker who ensures every detail aligns with the larger vision.

SUMMARY

Strategic Vision: Spearheading full-scale products and guiding teams, aligning every line of code with overarching objectives.

Precision & Craftsmanship: Crafting code that synergize's functionality and finesse, rigorously tested and optimized.

Team Leadership: Harmonizing product narratives and team dynamics to achieve unified goals.

Forward-Thinking: Perpetually scouting for transformative tools, frameworks, and methodologies in the tech realm.

EXPERIENCE

LEAD AI/ML ENGINEER

Fishbowl, Inc.

February 2024 - October 2024

- Created Fishbowl's AI/ML department to drive AI integrations and enhance GRM (Guest Relationship Management) features.
- Designed and implemented advanced AI tools, utilizing large language models (LLMs) and data-driven insights to improve client engagement and streamline internal processes.
- Leveraged AWS and Snowflake to deploy machine learning models, providing innovative solutions to improve operational workflows.

LEAD DATA ENGINEER

Fishbowl, Inc.

September 2023 - February 2024

- Built and managed full-stack solutions with a Vue frontend and PHP/Python backend, supporting data architecture and frontend functionality.
- Laid the groundwork for Fishbowl's first AI integrations, setting the stage for enhanced customer insights and predictive capabilities.
- Developed robust data pipelines and managed data architecture in Snowflake to support complex analyses, facilitating data-driven decision-making.
- Partnered with cross-functional teams to support data needs, creating actionable insights and establishing a foundation for future AI-driven capabilities.

EXPERIENCE

SOFTWARE ENGINEER (BLOCKCHAIN)

Nation Builders, Inc.

November 2022 - February 2024

- Led development efforts on decentralized platforms: **Nation** (nation.io) and **Vellum** (onvellum.com).
- Collaborated on the **Caro** platform (caro.bid) with a team of engineers.
- Integrated OpenAI, enhancing Vellum's capabilities.
- Rearchitected codebases to an NX monorepo, enhancing scalability and maintainability.
- Tech Stack: NX, Next.js, Supabase, Stripe, Solana Blockchain

FRONTEND APPLICATION DEVELOPER

PolicyCo

April 2019 - November 2022

- Served as a founding engineer, laying the foundation of PolicyCo.
- Built an extensive, modular WYSIWYG document editor for managing policies and procedures with collaborative editing capabilities.
- Onboarded and trained 3 engineers after 2.5 years, expanding the product's feature suite.

SOFTWARE ENGINEER

naviHealth

November 2018 - March 2019

- Advanced team responsibilities, leading critical projects.
- Mentored and trained a team of 3 junior developers, focusing on building internal Angular applications.
- Collaborated closely with DevOps to establish a CI/CD pipeline for standalone Angular applications.

ASSOCIATE SOFTWARE ENGINEER

naviHealth

August 2017 - November 2018

- Specialized in Angular development, contributing to a multi-hat feature team.
- Transitioned segments of a C#/.NET monolith to modular Angular components.
- Work with DevOps to formalize and build out the CI/CD pipeline for standalone Angular applications

EXPERIENCE

APPLICATION DEVELOPER

Operation PAR, Inc.

November 2015 - July 2017

- Played a pivotal role in digitizing outdated paper processes.
- Developed an onsite RFID attendance/traffic system for the main campus, enhancing operational efficiency.
- Managed financial reporting to the State of Florida using eRecord software.
- Created Angular applications tailored to the needs of patients and care providers.

TECHNICAL CARE PROFESSIONAL

Bright House Networks

January 2015 - November 2015

- Managed escalated technical support calls, ensuring customer satisfaction.
- Diagnosed and debugged client hardware remotely.

OWNER/OPERATOR

iHelp Mobile Electronics Repair

September 2012 - January 2014

- Founded and operated a mobile electronics repair service, offering drive-up repair services from a custom-built portable workbench.

SKILLS

Web Standards: Proficient in the latest web development standards, ensuring compatibility and performance.

Javascript Stack: Experienced in popular libraries and frameworks, able to go from 0 >1 with unique solutions for any project.

Blockchain: Familiar with blockchain technologies and principles, exploring decentralized solutions. Experience with custom tokens, NFTs, DEFI, etc.

AI/ML Integration: Integrated advanced AI /ML solutions into customer facing and internal projects, enhancing productivity and user experience.

Event-Driven Systems: Worked with event-driven platforms, facilitating real-time data processing and communication.

Container Management: Utilized containerization tools for efficient development and deployment.

Agile Methodologies: Adopted agile practices, promoting swift and iterative product development.

EDUCATION

COMPUTER SCIENCE

General studies and Computer Science
Motlow State Community College | 2011-2013

HIGH SCHOOL

Cannon County High School | 2008 - 2011

DEVELOPER RELATIONS

Masterclass for Developer Relations professionals.
DevRel Uni | 2023

NIGHTS & WEEKENDS

Community and e-learning platform for developers that want to introduce themselves to web3 and crypto projects.
Buildspace | 2023

CERTIFICATIONS

BUILD 2023: LLM BOOTCAMP BADGE

Snowflake

The BUILD LLM Bootcamp badge covers the fundamentals of LLMs and teaches you how to build with generative AI on Snowflake. The assessment covers the model deployment process, Snowpark Dataframes, ML libraries, model fine-tuning, and more.

BUILD 2023: SNOWFLAKE BUILDER BADGE

Snowflake

The BUILD 2023 Snowflake Builder Badge is for attendees of the annual BUILD Conference who joined ten (10) sessions, including one (1) lab between December 5th and 6th 2023.

CONTACT

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