

Aaron J Wagner



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Texas Tech University
Class of 2008

Bachelors Degree
Business Administration
Management Information
Systems

Proficiencies

Team Management

Leadership

Recruiting

Javascript

Typescript

React.JS

Node.JS

C#/.Net

Mongo DB

SQL (MS/MySQL/Postgres)

AWS/Azure

Snark and Sarcasm

Making Rad Things, Since 2002...

Above all, I am a software engineer. But I also happen to be a pretty decent leader.

I thrive in an environment where I can work with people who are experts in their field, while at the same time mentoring those that are up-and-coming.

Management Style

I am a firm believer in forming meaningful relationships with people, first and foremost. In this way, you *start* from a position of trust, and you build from there. I manage people the way that I myself want to be managed; meet them where they are, and empower them to be an overwhelming success.

Passions

- Radical honesty and openness
- Transparent and equitable recruiting
- Connecting with stakeholders and leadership
- Accountability with meaningful metrics and KPIs
- Finding the perfect gif (hard "G")

About Me Outside of Work

I spend my time outside of work caring for my family. They are the reason I do everything that I do. I am also interested in technology trends, connecting with friends, enjoying craft beer or wrenching on a 23-year-old BMW.

Projects

TUNE Network

Tech Used

- Node.JS
- Typescript
- Swagger
- PHP
- Redis
- MySQL
- DynamoDB

The TUNE Network initiative is a multi-year, multi-team effort, led by my team at TUNE. Our SaaS software was, and is, one of the leading affiliate marketing platforms on the market. However, the nature of the platform did not lend itself to sharing offers (one of the central concepts in affiliate marketing) across instances.

Sharing offers had been tried within our platform before, and failed. What we did to get it right was to let our product team hold the reins, and staffing the team to a level that we could not only keep the lights on, but extend the platform to do what we needed to do to meet the goals of the business.

Project Rose

Tech Used

- C#/.Net Core
- MongoDB
- MSSQL Server
- Web API
- Swagger

Loomis' core business is cash management. And like any asset that you entrust to a third party, you require visibility. The problem arises when your data warehouse is not exactly built for reporting performance.

And that was the case for Loomis' vault management reporting infrastructure. Reports would sometimes take as long as 10+ minutes to run, crash, or just timeout altogether.

My team, along with SME resources from our business units, developed a solution that dropped the total reporting time from minutes to milliseconds. At its core, our solution was an ETL process that denormalized the data warehouse for every report. Simple as that. Each ETL ran independently and stored data in its own table, specifically crafted for high performance reporting.

Zenith Microservices

Tech Used

- Node.JS with Typescript
- GraphQL

Woven throughout my career has been the use of microservices. This architecture has always resounded with me and the latest iteration, Zenith, is an internal monorepo, with exposure to the internet through a GraphQL service.

Experience

TUNE Inc.

Software Development Manager
October 2021 - Present
Direct Reports Managed: 14
with 4 Technical Leads

At TUNE, I started with a team of one senior engineer and, utilizing a mix of on-and-off-shore talent, I grew the team to 14 engineers. I then divided this large team into 4 practice areas, each responsible for a part of the platform (frontend, backend, ops, and testing).

We were responsible for most things that were customer-facing; APIs, user interfaces, etc. We then started multiple years-long initiatives: the first to diversify the company's revenue streams, and the other to modernize our stack.

Loomis USA

Software Development Manager
October 2019 - October 2021
Direct Reports Managed: 6

Senior Frontend Developer
November 2015 - October 2019

I was responsible for a brand new team, staffed up from just myself to 6 FTEs. We were responsible for the maintenance and modernization of the Loomis Direct customer portal, which we stabilized and began efforts to modernize the platform.

As a frontend engineer, I was responsible for development and maintenance of three major internal and external web applications, supporting (at the time) over 35,000 remote devices. I was responsible for building a major internal, operational application that is used by hundreds of users, from support roles to the C-Suite.

Adhere Creative

Lead Developer
June 2014 - November 2015
Direct Reports Managed: 2

Here I was tasked with development of client projects and mentoring junior developers. Types of projects include Hubspot COS integrations, WordPress CMS development and other business, technical and leadership functions.

UTHealth School of Public Health

Director of Software Development
January 2013 - June 2014
Direct Reports Managed: 3

Manager of Website Operations
September 2010 - December 2012

During my time in this position, my team of three engineers launched three major applications, two supporting applications, as well as started development on a major, campus-wide application to track IT assets across the university (consisting of over 4,000 staff and faculty and 7,000 students across 6 cities).

Other Positions

UTHealth Communications *Web Developer III* | April 2009 - May 2010

Lubbock A/V *Marketing Specialist* | June 2006 - July 2007

C&S Cable *Website Developer/Administrator* | June 2002 - May 2006