# AARON WAGNER

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## Awesome Sauce

*Making awesome things since 2002!*

I am a Software Engineer.  I am also a natural born leader.  I thrive on working with a team to finding beautiful and elegant solutions to really complicated problems.

Being able to work with stakeholders and business people is a rare talent for an engineer, but it's something I excel at.

## Top-notch Education

I graduated from Texas Tech University (Guns Up!) in 2008 with a Bachelors in Business Administration.   My area of study was in Management Information System - Web Application Development track.

## What's Next

I am looking for the next opportunity to use my leadership and engineering background to lead a team to make incredible software.

## Technical Chops

I have almost 20 years of experience as a Software Engineer.  That depth of knowledge and experience offers a unique perspective on the challenges teams face.

## Management Style

I believe, first, in forming a relationship with the people on my team. Relationships build trust, and trust is that secret sauce.  When you have trust you can do truly amazing work together.

## Projects

### Project Rose (SQL Reporting Optimization)

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 the application, 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.

### Loomis Direct and Cirrus Micro-Services

When I took over the Loomis Direct platform (Loomis Direct is Loomis' customer-facing reporting portal), we had a vision to modernize and decouple the many (so… so many) services into independent micro-services.  The benefits of a micro-service architecture suited our needs well, and allowed us to move faster on customer and business needs.

Next, we started to take a look at the fractured and fragmented user experience that customers had interacting with the Loomis Direct platform.   Our solution was to rebuild the platform from the ground up, as a single, unified experience.  This effort is still ongoing even to this day, and is the main responsibility of me and my team.

# And Experience To Boot

## Loomis Direct Development Manager | Loomis USA | Oct. 2019 - Present

In this role my team and I were responsible for the maintenance and modernization of the Loomis Direct customer portal.  This platform was a conglomeration of 5 different applications, held together with a wish and a prayer.  My team of six engineers and I stabilized this platform, oversaw the closing of many security audit findings, and began the effort to modernize and unify the platform that continues to today.

## Senior SafePoint Developer | Loomis USA | Nov. 2015 - Oct. 2019

I was responsible for development and maintenance of three major internal and external web applications, supporting (at the time) over 35,000 safes which transact billions of dollars per year.  I was responsible for building a major internal, operational application that is used by hundreds of users, from support roles to the C-Suite.

## Lead Developer | Adhere Creative | Jun. 2014 - Nov. 2015

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.

## Director of Application Development | UTHealth SPH | Jan. 2013 - Jun. 2014

I was responsible for the management of a team of three engineers.  During my time in this position, my team 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).

## Manager Website Operations | UTHealth SPH | Sept. 2010 - Dec. 2012

## Web Developer III | UTHealth | Apr. 2009 - May 2010

## Marketing Specialist | Lubbock Audio Visual | Jun. 2006 - Jul. 2007

## Web Administration | C&S Cable Advertising | Jun. 2002 - May 2006