

# Tyler Reed

Lead Software Engineer | 469.230.9970 | Dallas, TX

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## Objective

To secure a position where I can efficiently contribute my skills and abilities for the growth of the organization and build my professional career, as well as learn new skills to expand my abilities.

## Summary

Results-driven software engineer with a strong background in leadership and team management, and guiding cross-functional teams to success. Proven track record of transforming legacy systems into modern, scalable platforms.

## Skills

Project Management	Microservices	Workforce Optimization	APIs	Agile	Laravel
Team Leadership	Distributed Systems	Software Optimization	Artificial Intelligence	Software Design	Vue
Training & Mentoring	Containerization	Software Architecture	Machine Learning	Notifications	Tailwind
Technical Communication	CI/CD	Relational Databases	Payment Processing	Automated Testing	AWS

■ 8+ years ■ 5 - 7 years ■ 3 - 4 years ■ < 3 years

## Professional Experience



### Senior Software Engineer

[Eagle Metal Products](#) • Full Time

May 2023 - Present • 1 yr  
Mabank, TX • Hybrid

- Improved team efficiency with best practices and project management insights.
- Specialized in software agility, and increased the velocity of the team.
- Created a platform for the team to share new ideas and be more proactive.
- Boosted team cohesiveness with better reviews, peer coding, social events.
- Modernized a legacy monolith admin panel to use PHP 8.3 & Laravel 10.
- Migrated from Foundation to Tailwind, and jQuery to Vue.

#### Additional Skills:

- Team Leadership
- Software Architecture
- Docker Containerization
- Workforce Optimization
- Data Analysis



### Lead Software Engineer

[PWCC Marketplace](#) • Full Time

Apr 2021 - Apr 2023 • 2 yrs 1 mo  
Tigard, OR • Remote

- Led multiple teams, including offshore, in project scope, timing, and delivery.
- Built a robust auction platform using Laravel 9, Java, Node.js, and MariaDB.
- Broke up monolithic software into scalable microservices with event streaming.
- Leveraged AI and ML technologies to boost staff performance by over 600%.
- Saved the company; designed and delivered an auction platform in 11 weeks.
- Specialized in software stability, and reduced friction in software releases.
- Advocated for team health, held leadership accountable for toxic practices, and promoted healthier approaches to our workflow.

#### Additional Skills:

- Project Management
- Microservices
- Team Leadership
- Mobile & REST APIs
- Software Architecture
- Workforce Optimization
- Software Optimization



### Senior Software Engineer

[TSI - Transworld Systems Inc.](#) • Full Time

Mar 2018 - Apr 2021 • 3 yrs 2 mos  
Dallas, TX • Hybrid

- Led a team of developers to expand complex modules that I architected, including Notifications, Reports, Payments, Batch Processing, APIs, and more.
- Absorbed from Halo Co and upgraded loan servicing software to Laravel 6.
- Boosted the performance of the application using advanced MS SQL techniques, Redis caching, parallelization, and more.
- Worked directly with stakeholders to obtain requirements and action items.
- Spearheaded several projects and delivered projections on completion dates.
- Advocated for team health, and helped others achieve successful careers.

#### Additional Skills:

- Project Management
- Team Leadership
- Software Architecture
- Data Analysis
- Automated Notifications
- Multi-Tenant Management
- Cyber Security

## Professional Experience (Continued)



### Senior Software Engineer

Halo Companies Inc. • Full Time

Jun 2016 - Mar 2018 • 1 yr 10 mos

Dallas, TX • On-site

- Designed and maintained complex student loan servicing software in Laravel 5.
- Created several robust architectures, including Notifications, Reports, and APIs.
- Optimized our nightly cron processes to run an order of magnitude faster.
- Advocated for the advancement and growth of team members.
- Trained and mentored the team on better software practices.

#### Additional Skills:

- Team Leadership
- Software Design
- Data Analysis
- AWS Cloud Computing



### Full Stack Developer

Bible.org • Full Time

Jan 2015 - May 2016 • 1 yr 5 mos

Richardson, TX • Hybrid

- Designed and implemented a social website for outreach and communion.
- Built a mobile-first website using Laravel 5, Bootstrap, and jQuery.
- Documented software vision and operated using TDD.
- Enhanced main site search using Solr and data analysis.

#### Additional Skills:

- Software Design
- Automated Testing
- Tenacious Work Ethic



### Software Engineer

Epimed International • Contract

Sep 2014 - Dec 2014 • 4 mos

Farmers Branch, TX • Remote

- Built an internal admin panel to replace the existing analog on-paper solution.
- Developed a mobile-first website using Laravel 4, Bootstrap, and MySQL.
- Led a team of three developers.

#### Additional Skills:

- Team Leadership
- Database Design

## Projects & Websites



### Laravel Relation Joins

reedware/laravel-relation-joins • Software Package

Aug 2019 - **Present**

GitHub & Packagist • Remote

- Composer package that adds the ability to join on a relation by name.
- Over 500,000 downloads. Supports latest Laravel & PHP versions.

#### Additional Skills:

- GitHub Actions & CI/CD



### One Time Secrets

onetime.tylerthreanreed.com • Website

Apr 2021 - **Present**

AWS & Laravel Forge • Remote

- Website that throws everything I know about performance into one project.
- Page speeds are as low as ~1.8 milliseconds.

#### Additional Skills:

- Laravel Octane & Swoole



### Jinora

TSI Admin Panel • Website

Mar 2019 - Apr 2021 • 2 yrs 1 mo

Raspberry PI & Laravel Sail • Hybrid

- Laravel Nova Admin Panel sourced using Jira API.
- Got developers out of deadline hell by forecasting velocity.

#### Additional Skills:

- Project Management

## Education & Certifications



### Bachelors in Computer Science

University of Texas at Dallas • Full Time

Aug 2015

Dallas, TX • On-site



### Associates in Science

Richland Collegiate High School • Full Time

May 2011

Richardson, TX • On-site



### Microsoft Technology Associate

Microsoft

Jun 2014

Online • Remote

## Activities & Services



### Moderator

r/laravel

Nov 2022 - **Present**

Online • Remote

- Actively maintained the Laravel subreddit.
- Stayed on top of the latest trends.



### Moderator

scatteredspace.com

Aug 2014 - Aug 2018

Online • Remote

- Led game modding community.
- Programmed games using various languages.