

# Joseph Timmer

✉ profsmallpine@gmail.com ☎ 406.599.3209 📍 Bozeman, MT  
🐦 [profsmallpine](#) in [profsmallpine](#) 🌐 [profsmallpine](#)

## TL;DR

Software engineer who enjoys working full stack. Spent the last couple of years contracting for a small number of quality clients. Before that and in another life, I programmed laser sorting equipment in the food industry ([Tomra sorting solutions](#)).

## Skills

**Most experience:** Ruby, Rails, CSS, HTML5, SQL, Javascript, Vuejs, RSpec, Capybara, Git, PostgreSQL, Selenium, PhantomJS

**Some Experience:** Python, Pyramid, Redis, Sinatra, C#, ASP.NET MVC, Visual Studio, Subversion, Caddy proxy server, DevExpress, Angular, Go

## Experience

### Remote Contract Work

Software Engineer - Remote (May 2015 to Current)

The most important factor in determining where to work has been a quality team. This has consistently led me to remote teams where I've been able to work with talented folks.

### Bethel Music (company)

Bethel Music hired me on a recommendation from their sister company, Bethel Media. They hired me at a time when they only had a couple developers, and I helped scale the team from 2 to 6 developers.

### WorshipU (product)

**What is it?** WorshipU is an online learning platform. **What's the stack?** Ruby on Rails. Python/Pyramid. Vuejs. PostgreSQL. **My contributions?** After building out smaller features like badges and notifications, I was entrusted with architecting the front-end and leading a small team for a large rebuild of the CMS for the learning materials. **Highlights?** Rebuilt critical parts of the user facing app to help scale and increased req/s by 2x - 6x for 10 rebuilt pages. Added an updated lesson "watch" page with thumbnail on scroll and resume from last position (custom javascript).

### Gray Olive (company)

Gray Olive is a product studio and consulting firm. Quote from the CEO Michael about my work - *"I appreciate all the time you've put in and would rank you as one of the best developers I've worked with."*

### Oscar CRM (product)

**What is it?** Oscar CRM is a product for mortgage brokers to manage the complex process that each of their clients go through. It is used by some of the largest banks in Canada. **What's the stack?** Ruby on Rails. PostgreSQL. **My contributions?** I've only

started this project very recently and am currently working through a cleanup of the client side code, including increased test coverage (RSpec + Capybara).

### **Whereipark (product)**

**What is it?** Whereipark is a marketplace for monthly parking focused on helping companies and commuters find and secure monthly parking spots. **What's the stack?** Ruby on Rails. PostgreSQL. **My contributions?** I worked on the Stripe integration with the app and added detailed error logging and better handling for payment failures. Adding data to the app was tedious and time consuming, and I added a custom CSV import feature to handle the various needs of the admins.

### **Bethel Media (company)**

Bethel Media hired me after I built a URL shortener using Ruby on Rails. I had previously been working at a company that had no code reviews and no real way to grow in the company. I jumped at the opportunity to work as a remote developer with a good team (and code reviews!).

### **Bethel Store (product)**

**What is it?** The Bethel store is a complex, custom store used to manage a diverse set of physical and digital products. **What's the stack?** Ruby on Rails. PostgreSQL. **My contributions?** I was the sole developer (with a small review team) on a SaaS'ification project. I added multi-tenancy, moved all of the Bethel Media specific content to database values, and built a CMS to update custom copy and media. **Highlight?** Bethel wanted SaaS clients to be able to customize the site theme. I added this functionality to a rails app which would compile SAAS with custom variables at runtime (colors, fonts, etc...) and upload the new CSS to AWS without restarting the application with a preview option as well.

### **NEWBOS Partners**

Software Engineer - Florence, MT (Nov 2014 to May 2015)

NEWBOS is primarily a development shop for the Windows platform with niche products that serve the commodity trading industries. This was a short-lived job because there was no review process or other efforts to work towards code quality.

### **WunderBOS (product)**

**What is it?** WunderBOS is a ticket management system for in-house devs with a client facing feature so that they can track progress on requested features and fixes. **What's the stack?** ASP.NET MVC. C#. SQL Server. Dev Express. **My contributions?** I was the sole developer on this project. This is still a tool used by the development team at NEWBOS.

### **Loring Industries**

Sorting Equipment Engineer - Wheaton, IL (Sep 2009 to Aug 2014)

Loring Industries is a manufacturers rep for Tomra sorting. I worked on the laser sorting equipment and programmed it in the field while product was ran through the machine. This is kind of like programming a web application on production. My responsibilities also included a significant amount of user training on how to operate the equipment.

## Side Projects



### Standup (product)

**What is it?** Standup allows collaborative preparation for meetings, ensuring that everyone knows what will be discussed ahead of time. **What's the stack?** It was built using Rails, jQuery, Faye Websockets (running on a separate Heroku app), Sidekiq (a worker process), Redis, Active Record, SendGrid, and Google APIs (Calendar + Contacts). **My contributions?** This project was created in 8 days. I worked with 3 other developers on this project and handled all of the Google API integrations.

### Farm App (product)

**What is it?** The farm app is built for my brother in law who runs a sheep farm and dairy in Western Montana. We trade meat and cheese for web development work. It has a custom Shopify store and when Tyler has an idea for something they need, I build it. **What's the stack?** Rails. Heroku. **My contributions?** I am the principal and sole engineer on this project.

### Cheddar App (product)

**What is it?** Cheddar is a basic TODO app built with sockets so that information is live across all devices for the user. I recently acquired this app from the previous engineers and have taken it on as a side project to work with iOS and continue learning how to build a quality API. **What's the stack?** Rails. Pusher. **My contributions?** I am just starting to dig into a large API refactor with one other developer. I am the principal developer on the backend of this project.

## Education



### **Dev Bootcamp** - Graduated Oct 2014

Found dev bootcamp as a way to help shift into web development where I was previously only dabbling.

### **Wheaton College** - B.A. Philosophy and Art - Graduated 2012

Started out as Computer Science and transitioned into an integrated degree in Philosophy and Art.

### **Salisbury School** - Graduated 2007 Cum Laude

Went to an all-boy's boarding school after watching *Dead Poet's Society* and being inspired by Robin Williams. Experienced AP Java senior year.