

# David Pierce

SOFTWARE ENGINEER  
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## Summary

I'm a customer-focused leader and full-stack polyglot engineer specializing in web applications development. I want to use my talents to help people and make an impact I can be proud of. My ideal environment is in a company that shares those values and pursues software as a primary strategy to serve customers. I thrive in small teams where I can be close to the customer and close to the code.

## Work Experience

### UP Global/Startup Weekend; Seattle, WA – Technical Director

*June 2012 – Current*

I lead the engineering team for a global non-profit building entrepreneurial communities. As technical director, I serve as:

- Project Manager – Conduct customer interviews. Map out pain points and opportunities and build product direction. Work with stakeholders, builders, and third-party vendors to deliver successful projects on time, on budget, and within scope.
- Team Lead – Building a healthy team through hiring, culture building, and supporting individual engineers.
- Architect – Design products across systems powered by connected API services.
- Engineer – Contribute back-end and front-end code on projects from internal tools to public-facing sites.

Technologies used include:

- Languages: CoffeeScript, JavaScript, Ruby, Sass, Stylus
- Frameworks: Node.js/Express, Rails, Sinatra, Backbone.js, Gulp.js, Grunt.js
- Visual and UX Design Tools: Foundation, Bootstrap, Sketch, Axure, Photoshop
- Databases: MongoDB, Redis

### WineBid.com; Seattle, WA – Software Engineer

*January 2010 – June 2012*

Full-stack developer on a small team building public and internal software for an Internet wine auction. Technologies and languages include C#, JavaScript, CSS, and MSSQL. Frameworks include ASP.NET MVC, ASP.NET Forms, and WPF. Notable accomplishments include:

- Reconstructed site password algorithm with seamless upgrade for existing users.
- Research, design, and development of custom hands-free, no-look inventory application supported by API services I designed. Cut warehouse inventory process from an entire workday to a couple hours.
- Built and maintained continuous integration test system with NUnit, WatiN, CruiseControl.NET, and NANT to cover customer scenarios.

### Microsoft Corporation; Redmond, WA – Program Manager

*June 2009 – December 2009*

Worked on a SharePoint hosted services team. Accomplishments include:

- Wrote specifications for service platform monitoring system.
- Wrote PowerShell scripts to spin up and manage VM instances in a dynamic service platform.
- Managed Microsoft's 5 month SharePoint Online 2010 Community Tech Preview. Worked with 100's of Microsoft partners to provision sites, collect feedback, and monitor issues on the beta platform.

## Side Projects

### What's For Dinner?

- Demo – <http://wfd.thedahv.com>
- Source – <https://github.com/TheDahv/wfdinner>

Uses real-time technologies to assist in weekly meal planning for families. Technologies include Angular.js, Node.js, "Angular Material" (the Angular.js implementation of Material design), Socket.io, and MongoDB.

### Eversound

- Source – <https://github.com/TheDahv/eversound>

Distributed personal application with WebRTC.

Uses modern web browsers to stream a single broadcaster's input to the speakers of connected browser clients.

### Go Photobox

- <https://github.com/TheDahv/go-photobox>

Go Photobox is a self-contained photo gallery manager built with Go and ReactJS designed to run on a Raspberry Pi as a front-end to an external hard drive.

Leveraging Go's ability to cross-compile small binaries, the overall goal is to make a "home photobox in a box" to simplify backing up photos to our family external USB hard drive.

### Beer & Code Seattle

- Demo – <http://seattle.beerandcode.org>
- Source – <https://github.com/BeerAndCodeSeattle/BeerAndCode>

A web application for a Seattle developer community I founded in October 2010. Technologies include node.js, JavaScript, Stylus, Jade, Passport authentication, and MongoDB.

## Education

### Raikes School in Computer Science and Management at the University of Nebraska-Lincoln Management Information Systems Major, May 2009

3.738 GPA

Senior/Junior Design Studio Projects

- Nanonation: Platform-agnostic media rendering software using Qt framework and C++—Team contributor
- Jacob North: Closed-loop sales and marketing system using Groovy and Grails—Scrum master
- Microsoft: Dynamics Great Plains vendor workflow extension using C#—Documentation Lead