Motivated and experienced Full Stack + DevOps developer with two published books and a side business website [WyattTechCourses.com](https://wyatttechcourses.com/)

**SKILLS / CERTIFICATIONS**

|  |  |
| --- | --- |
| Front-End Development: | Web Design, Bootstrap, Google Materialize, Sass (SCSS), ReactJS, Android, JQuery, Jekyll |
| Back-End/Desktop: | Web Payments / E-commercial, Ruby on Rails, RSpec, Stripe, C/C++, [Godot](https://godotengine.org/) (C++), Qt (C++), SDL (C), Java, JUnit 5, Python, PHP, Node.js, Rust |
| Platform + Database: | WordPress, SQL (MySQL, PostgreSQL, SQL Server), Amazon Web Services (AWS), Visual Studio Code, Atom, Visual Studio |
| RESTful & other API: | Google Maps, NYC OpenData |
| DevOps: | Chef, Docker, Kubernetes, Ubuntu, Debian, Linux, Git, Github/Gitlab/Bitbucket, make, SCons, Bash scripting, Ansible |
| Published Work: | [*Deploy Rails BlueBook, 2014*](https://leanpub.com/deployrailsbluebook) [*Automate PHP Deploys, 2014*](https://leanpub.com/automatephpdeploys) |
| Certificates: | Introduction to MongoDB, MongoDB University, 2017  Software as a Service (SaaS), University of California, Berkeley (Edx.org), 2013 |
| Associations / Awards: | Linux Kernel Contributor  Member of SIAM  2013 Dean’s List / Bobcat Scholarship |

**ACCOMPLISHMENTS / PROJECTS**

* Created a B2B Course Site, [WyattTechCourses.com](https://WyattTechCourses.com/), written in Rails and uses Bootstrap/JQuery with enterprise features such as: group purchasing, revoking, auditing, and generate PDF certificates (Prawn). Videos are provided by Carrierwave with AWS; email is provided by ActiveMailer with SendGrid.
* Wrote a dotfile manager in Chef to manage packages, hostfiles, custom commands using Chef templates and package management tools. (<https://gitlab.com/jbwyatt4/chef_dotfile_manager_tutorial>).
* Wrote a frontend for YCombinator’s Hacker News in React with Create-React-App. (<https://gitlab.com/jbwyatt4/hackernews>).
* Developed a Rails bridge using jRuby and Torquebox to process data from a third-party API over a REST interface in to mobile applications.
* Wrote a [Small Business Order System](https://simple-order-management-app.herokuapp.com/) in Ruby on Rails + Twitter Bootstrap + PostgreSQL Hosted on Heroku.
* Published, [*Deploy Rails BlueBook*](https://leanpub.com/deployrailsbluebook/), a book on the manual and automated deployment of Linux Rails servers with Chef on Ubuntu Linux.
* Published [*Automate PHP Deploys*](https://leanpub.com/automatephpdeploys), a companion book on the manual and automated deployment of WordPress PHP servers.

**EXPERIENCE**

**President/Lead Programmer, Wyatt Tech Courses 05/2015 – Present**

* Developed and maintained an enterprise course platform in Rails with AWS, Bootstrap, and PostgreSQL.
* Scripted, recorded, and edited a full course on server automation.
* Did an interview on a technology radio show / podcast on the benefits of server automation.
* Registered with government entities for contracts.
* Wrote copy and marketed my course and website to businesses.

**Application Developer I, Los Angeles County 11/2014 – 05/2015**

* Developed an API bridge between Los Angeles County and a third-party vendor.
* Created an Angular plugin for Los Angeles County’s Assessor’s WordPress website.
* Oversaw third-party contract development of a Machine Learning application to run regressions on Los Angeles County’s tax records to estimate property values.
* Gained experience working with the county’s processes and legal requirements.
* Learned about property tax law including proposition 13 (1978) in my role as a developer for the Assessor’s office (Assessors determines property values).
* Attended weekly SCRUM meetings and created reports to documenting progress.

**Student Researcher, University of California, Merced 01/2013 – 07/2013**

* Researched cloud computing and virtualization.
* Studied research papers and articles on cloud computing including Google File System, Google BigTable, Eucalyptus, and Apache Hadoop.
* Wrote an undergrad survey paper on virtualization implementations that compared Linux Cgroups, BSD Jails, Solaris Zones, VMWare, Xen, and VirtualBox.
* Gained experienced working in a graduate student lab and developing plans in meetings.

**EDUCATION**

**University of California, Merced (UCM) May 2014**

B.S. Computer Science & Engineering

References Available Upon Request.