

John B. Wyatt IV - jbwyatt4.com

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Motivated and experienced Full Stack + DevOps developer with two published books and a side business website
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 (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 Automate PHP Deploys, 2014
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, 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](#) in Ruby on Rails + Twitter Bootstrap + PostgreSQL Hosted on Heroku.
- Published, [Deploy Rails BlueBook](#), a book on the manual and automated deployment of Linux Rails servers with Chef on Ubuntu Linux.
- Published [Automate PHP Deploys](#), 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.

John B. Wyatt IV

- 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.