John B. Wyatt IV (jbwyatt4.com)

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Motivated and experienced 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, Cucumber, Stripe, C/C++, Java, PHP, Python, Node.js, Puma, Thin, Qt
Full-Stack + Database:	WordPress, SQL, MySQL, PostgreSQL, MongoDB, SQL Server, Amazon Web Services (AWS), Atom, Visual Studio Code, Visual Studio
RESTful & other API:	Google Maps, NYC OpenData
DevOps:	Chef, Docker, Kubernetes, Ubuntu, Linux, Git/Github/Gitlab, Bitbucket, make, Bash scripting
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

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ACCOMPLISHMENTS / PROJECTS

- Created a B2B Course Site, WyattTechCourses.com, on a VPS written in Rails and Bootstrap with enterprise features such as: group purchasing, revoking, auditing, and generate PDF certificates (Prawn). Videos are provided by Carrierwave with AWS S3, and 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.
- 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.