John B. Wyatt IV - jbwyatt4.com

github/jbwyatt4 • Stack Overflow Profile • jbwyatt4@Gmail.com • Redondo Beach, CA • (310) 750-7322
Motivated and experienced Full Stack + DevOps developer with two published books and a previous business:
WyattTechCourses.com, seeking full-time employment.

SKILLS / CERTIFICATIONS

Front-End Development:	Web Design, Bootstrap, Google Materialize, Sass (SCSS), ReactJS, Android, jQuery, JavaScript
Back-End/Desktop:	Web Payments / E-commercial, Ruby on Rails, RSpec, Stripe, C/C++ (Godot/Qt), Java, JUnit 5, Python, PHP
Platform + Database:	SQL (MySQL), PostgreSQL setup and admin, Amazon Web Services (AWS), WordPress, Visual Studio Code, Atom, Visual Studio
RESTful & other API:	Google Maps, NYC OpenData
DevOps:	Chef, Ansible, Docker, Kubernetes, Ubuntu, Debian, Linux, Git, Github/Gitlab/Bitbucket, 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:	LeetCode Oct 17 2019 100% Smallest Memory Usage For All C++ Submissions Accomplishment Linux Kernel Contributor Member of SIAM 2013 Dean's List / Bobcat Scholarship

---

ACCOMPLISHMENTS / PROJECTS

- LeetCode Oct 17 2019 100% Smallest Memory Usage For All C++ Submissions Accomplishment https://leetcode.com/submissions/detail/270863400/ at the time for Oct 17 2019
- 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).
- 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*, *Digital Ocean*, and *PostgreSQL*.

- Used **Stripe** for a digital payments integration with the platform
- **jQuery** and **Bootstrap** was used for the front end
- Wrote a **Chef DevOps** script to complete automated setting up and updating the course platform.
- Scripted, recorded, and edited a full course on server automation.
- Registered with government entities for contracting and government purchasing.
- Wrote copy and marketed my course and website to businesses/governments.

Application Developer I, Los Angeles County   **11/2014 – 05/2015**
- Designed and developed a mobile application prototype in the **Android Eclipse** platform intended for Accessors to take into the field on an Android tablet.
- Worked with a team of contractors for a **Linux, Java, PHP, and MySQL** property estimation tool. Involved **machine learning regressions** and **GIS** work.
- – *Cut processing time down from days to hours* for a single tax district of Los Angeles County (over 80+).
- – Allowed the Accessor's department to *move away from an old Cobol system* to a modern Linux-Java system.
- Developed an internal tool (plugin) that integrates into the popular website platform **WordPress** for the Accessor's department. The **Angular JavaScript** framework was used to provide interactive functionality that fetched data from a public API.
- – *Saved the Accessor's deparment money* by automating a task it previously paid an outside team to do every time it had to change a part of their website.
- Gained experience working with California government processes and legal requirements, including property tax law.

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)   **July 2014**
B.S. Computer Science & Engineering

References Available Upon Request.