Jacob Ayala

225 E. Center St., Des Moines, Iowa 50309 | 515-408-4656 | whyayala@live.com | http://whyayala.github.io/resume/

Key Strengths

Leadership Background

- Assumed responsibility in the absence of a lead in an incomplete e-commerce project.
- Made design decisions and instructed other back end and front end developers on how to implement them.
- Counseled developers on PHP and Ruby standards to help produce cleaner code, implement databse design changes, and configure dev environments.

Programming Background

- Most experienced in Object Oriented Programming, Php, Ruby, Laravel, Rails, Amazon Web Services, Git and Git hosts.
- Experienced in JavaScript, Yii, Node/express.js, Ubuntu servers and Command Line Interface
- Some experience in SQL, CSS, Chef, Vagrant, Bootstrap, Foundation, jQuery, Apache and Nginx
- Practiced or interested in React, Android, Test Driven Development, Functional Programming, Jenkins and Kotlin

Customer Service Background

- Several years of customer service, both as a programmer and as a sales consultant.
- Communicating with clients and customers in a technology-based setting,
- Clarifying needs and requirements with customers, project managers, developers and working in groups and individually to address those needs.

Work Experience

MITTERA CREATIVE SERVICES | NOVEMBER 2015 - MAY 2018
- **LEAD DEVELOPER | JULY 2017 - MAY 2018**
  - Responsibile for back end design on two seperate and large ongoing projects, an ecommerce site and a data parsing tool for internal use.
  - Communication to team members. Worked closely with the lead front end developer to make design decisions and changes.
  - Diagrammed systems that were in progress or legacy that team members needed documentation on.
  - Onboarded new developers by configuring virtual boxes for development environments.
  - Code reviewed and managed deployment of code and database updates to servers utilizing tools such as git, beanstalk, gitlab, aws and chef.
- **WEB DEVELOPER | NOVEMBER 2015 - JULY 2017**
  - Maintained existing PHP applications built on the Yii framework and worked on a new product built on Laravel.
  - Maintained an API built on Node/express.js framework that connected to Twilio and AWS SES.
  - Performed data entry to MySql RDS services via sql and Node cli scripts.
  - Designed, built and deployed a web application for a data management and entry system using Ruby on Rails and AWS elastic beanstalk service.

TIE FLY DIE, LLC. | AUGUST 2014 - OCTOBER 2015

- **INTERN WEB DEVELOPER**
  - Added front end updates that incorporated CSS, JavaScript, jQuery and Ruby code.
  - Worked closely with a lead developer working on back end updates to server side code and Postgresql database architecture.
  - Researched and integrated APIs such as Twitter and Instagram using Ruby gem wrappers.
  - Partnered with another developer, backed up and merged changes to an application through Github. Worked off of separate branches until a particular feature was satisfactory and then merged into the master.
  - Introduced to new tools and concepts such as tmux, vim, bash, and Test Driven Development. wrote test cases for models, controllers and views using Rspec, FactoryGirl, Faker and Capybara

RURAL EMPOWERMENT & DEVELOPMENT INNOVATIONS | NOVEMBER 2013 - NOVEMBER 2014

- **VOLUNTEER FRONT END DEVELOPER**
  - Worked with the web team building a static web page with a custom CSS framework hosted on AWS S3 buckets, then moved to an EC2 instance.
  - Communicated changes in various drafts, shared files and updates via Dropbox and email, and had meetings face to face and via Skype.
  - Rebuilt the site from the ground up using the Bootstrap framework after custom framework was deemed unmaintainable.

Work Experience Continued

THE UNIVERSITY OF IOWA FOUNDATION | JUNE 2013 - FEBRUARY 2014

- **STUDENT WEB DEVELOPER**
  - Made updates to the uifoundation.org website built on WordPress and the Bootstrap CSS framework.
  - Created pages and implemented plug-ins through WordPress, hand-coded pages and implemented a javascript update that displays fundraising information across the different college campaign pages using jQuery to animate.
  - Reverse engineered XML and Perl scripts for updates to the intranet page.
  - Communicated with co-workers and partners to gather necessary content and information to meet the criteria for how page updates should look and what content it should contain.

Education

BACHELORS DEGREE | MAY 2014 | UNIVERSITY OF IOWA – COLLEGE OF LIBERAL ARTS AND SCIENCES

· Major: Computer Science | Minor: Spanish Language

· Activities: Member of the student chapter of the Associates of Computing Machinery club. Group meetings involved discussing currents projects and coursework with other students. Attended computing conferences in the Fall of 2013 and hosted computing conference in the Spring of 2014.