Steven Cipriano

458 Clipper Street, San Francisco, CA 94114

(760) 519-4685

cipriano.steven@gmail.com

Recent Highlights

Depict Inc.

- Designed and built scalable database schema of over 20 tables, 25 controllers, and hundreds of unit and controller tests.
- Performed a full database optimization audit, improving request response time by 50%.
- Implemented sales, preorder, and tax integration that has handled hundreds of transactions and over $100,000 in revenue.
- Optimized unit, controller, and acceptance test suite, improving run time 52% (21 mins → 10 mins).
- Performed code review on hundreds of pull-requests from engineering team members.
- Designed and implemented a full JSON, RESTful API for mobile consumption.

Skills

3 ½ years programming experience

- 2 years of Python experience
    - 8 months experience with Twisted framework
    - Various scripting, text and csv processing, and wrappers to leverage API services
    - Autobahn library for websocket support
    - Working knowledge of Django framework
    - Nose framework for unit testing
- 1 ½ years of Ruby on Rails and PostgreSQL experience
    - Full site and schema design, including API and 3rd party service integration
    - Taking business goals and translating to deliverable specifications
    - Unit and controller testing in RSpec, acceptance testing in Capybara and Selenium
    - Solr search integration
- 3 years of Javascript experience
    - NodeJS
        - MongoDB integration
        - Asynchronous image processing services
    - AngularJS
    - Leveraged Jasmine testing framework
    - JQuery and AJAX
    - Some experience with KnockoutJS
- MySQL and Couchbase database utilization
- AWS and Heroku deployment and administration experience
- Unix command line tools and bash scripting
- Apache server configuration
- SHA data encryption
- Git version control

- Google Maps and other Google API integration, Youtube embedding
- ffmpeg and ImageMagick

Education

UC Berkeley   August 2007 - May 2011

Major: Materials Science Engineering

Minor: Physics

GPA: 3.3

4 Year Regent Scholar (full academic scholarship)

Employment History

Depict Inc   January 2014 - Present

Fullstack Engineer

- Played integral role in building an original digital art sales and distribution product.
- Built browser plugins for communication with custom hardware devices on user's local network
- Architected and implemented new features and extended existing functionality.
- Provided timescale, scoping, and complexity analysis for potential projects.
- Code reviewed teammates' pull requests.
- Conducted technical interviews and phone screens of potential candidates.
- Integrated with Amazon S3 for data storage.
- Stripe payment and Avalara tax integration
- Collaborated building image and video processing and refinement services across platforms.

Phigital Inc.   June 2013 - December 2013

Software Developer

- Built website and maintained servers for an experiential content app for iOS and Android
- Leveraged and optimized the Python Twisted server framework for request handling
- Utilized the Autobahn Python and JS libraries for websockets, authorization, etc
- Implemented Couchbase (NoSQL) and its Python SDK
- SHA data encryption to protect user information
- Integrated Google Maps, Youtube, and other Google API services
- Architected JSON-RPC and JSONP solution for cross-domain requests
- AngularJS (directives, services, 3rd party library integration, etc)
- HTML5, CSS3 (transitions, animations, etc), and JQuery for responsive design

Freelance Web Development   May 2012 - June 2013

Web Developer

- Project scoping and modularization
- Direct interfacing with clients
- Built websites and web applications utilizing HTML5, CSS3, and Javascript.

- Worked extensively with the AngularJS web framework creating responsive apps for cross-platform support on multiple devices (mobile, tablet, and desktop)
- In depth usage of JQuery and JQuery UI
- Utilized NodeJS and MongoDB for backend server and database interaction
- Basic PHP and MySQL utilization
- Python integration with web APIs leveraging Twisted framework

IBM   July 2011 - August 2012

Process Engineer
- Utilized interconnected SCADA systems to collect, analyze, and interpret thousands of data points per hour.
- Drove team efforts within IBM and involving 3rd party partners to address problematic issues
- Improved process efficiency and through increased automation
- Controlled and monitored machines in a semiconductor fabrication plant using HMI technologies
- Ran diagnostics to assess the performance of a fleet of processing instruments
- Identified and troubleshot both long-term and immediate concerns in both process techniques and machine health through investigative data evaluation
- Honed visual and written presentation techniques