

JULIO CAPOTE

Web Developer/Systems Administrator

tel 305-815-4876

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url oncomputing.org

Summary

Six years total experience in software development and systems administration (hobby and professional)

Worked professionally for various companies full-time developing rich web applications in PHP and Ruby/Rails and setting up the servers that powered them for the last three years

Skills

- Familiarity with Windows/Linux/BSD server environments
- PHP/Java/Ruby/Javascript
- Rails
- Fluent in AJAX application design, using jQuery and YUI
- XHTML/CSS/XML
- Experience maintaining and deploying mission critical distributed systems using web services (REST and SOAP)

Experience

Network Assistant, Felix Varela High School Miami, FL 2000-2003

- Set up a Linux server that monitors port-specific bandwidth, allowing us to revise and refine our security control mechanisms at the server level, to stop gaming and other illegal activities at the school.
- Created a Help-desk system using PHP/MySQL, allowing teachers to report trouble-tickets, improving support response time and maximizing efficiency.
- Used network-monitoring tools to set a base network performance benchmark, allowing us to pinpoint bottlenecks, and alleviate them.

Systems Engineer, Florida International University Miami, FL 2003-2006

- Performed regular maintenance of mixed platform Unix servers/hosts to ensure that services run smoothly and go without interruption.
- Founded Madlab, an organization/club geared towards teaching UNIX/Linux concepts to peers from a hands-on perspective

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- Created a monitoring system for all of our hosts/servers, which allowed for higher availability and faster response times
- Made a heterogeneous environment (Windows and UNIX) inter operate smoothly via implementing custom solutions on both platforms

Web Developer/Systems Administrator, Worldmedia Miami,FL 2006-2007

- Implemented a solution that backs up important sites/databases to an off site server for safekeeping
- Created a calender-based time entry web application, which let you click on a date and log your hours and tasks seamlessly without ever having to refresh the page
- Regularly customized and combined open source software to suit our needs
- Setup and Administrated several mission critical, load-balancing environments for heavy load sites (800,000+ page views a day)
- Assisted in extending and maintaining our enterprise level, flagship content management product
- Developed a REST web service for this product, and the subsequent C# desktop application that communicated with it

Freelance/Consulting Projects Miami,FL 2007-2008

- **ImageFlo:** Turned a PHP prototype into a fully tested, production ready rails application. The system of two components, a software-as-service web application, and a java/jruby server application running at the client's end. Using web services, the web application authenticates the end user then serves high resolution images via the client server instead of the web application, dramatically cutting bandwidth costs.
- **Miller-Publishing:** Brought content management and business automation capabilities to a local community newspaper company. Created a multi-threaded java web application that turns PDF's into an universally accessible javascript slideshow with lightweight images.

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Coupled with this was a hand crafted, custom content management solution built from the ground up with their specific needs in mind.

- **Solis Appraisal Management:** Web 2.0 meets Appraisal Management; Social Rails application that connects lenders with appraisers through an easy to use web application.

Honorable Mentions

Community Award for MadLab — Florida International University, 2005