

# Julio Capote

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www.juliocapote.com  
www.github.com/capotej  
jcapote@gmail.com

**SUMMARY** Agile Ruby Web Developer/UNIX Administrator with 7 years experience implementing, deploying, and administering large software systems using various technologies. Specializes in modernizing legacy applications, Cloud Computing, and interacting with Web API's.

**SKILLS** *Languages:* Ruby, Rails2/3, Java/JRuby, PHP, HTML5/JS/CSS  
*Databases:* Redis, CouchDB, Solr

**EXPERIENCE**

*Lead Developer* 2009-2011  
Destructoid.com, Japanator.com, Tomopop.com (ModernMethod Blog Network) San Francisco, CA

- Started an initiative to port 3 different PHP codebases into a single multisite framework written in Rails
- Used Redis/Resque and Varnish to intelligently cache a contextually specific, highly dynamic website to thousands of concurrent users
- Wrote an event-driven upload server in Ruby (using eventmachine/rainbows) to handle multiple uploads a second (<http://github.com/capotej/uploadd>)
- Deployed and scaled a high traffic Rails site using EngineYard and subsequently Heroku
- Patched and customized dozens of popular open source gems/plugins to suit our specific needs (performance or otherwise)

*Founder/Developer* 2007-2009  
Nuklei.com, Miami, FL

- Architected a distributed, end to end supply chain management system that synchronizes orders and inventory from distributors to and from marketplaces
- Created a multi-threaded java web application that turns PDF's into an universally accessible javascript slideshow with lightweight images for a local newspaper company
- Implemented "upload-by-email" functionality for various websites so clients can easily update parts of their website using their email
- Consulted clients regarding best practices and speed/traffic optimization for their web sites

*Web Developer* 2006-2007  
Worldmedia, Miami, FL

- Implemented a solution that backed up important sites/databases to an off-site server for safekeeping
- Setup and administrated several mission critical, load-balancing environments for heavily loaded sites (800,000+ page views a day)

*Systems Engineer* 2003-2006  
Computer Science Department, FIU, Miami, FL

- Created a monitoring system for all of our hosts/servers, which allowed for higher availability and faster response times
- Founded Madlab, an organization/club geared towards teaching UNIX/ Linux concepts to peers from a hands-on perspective
- Made a heterogeneous environment (Windows and UNIX) inter operate smoothly via implementing custom solutions on both platforms

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

- Assisted the Network Staff with various day to day IT duties such as: Setting up servers, evaluating new software, and trouble shooting faculty issues
- Created a Help-desk system using PHP/MySQL, allowing teachers to report trouble-tickets, improving support response time and maximizing efficiency

**ACCOLADES**      **Watercoolr** (<http://watercoolr.nuklei.com>) *featured on O'Reilly Radar*  
**Community Award** *Florida International University, 2005*