

SUMMARY

Alexis Barrera is a full-stack developer based in NYC with 16 years experience and a penchant for automation.

RECENT EXPERIENCE

Sr Release Engineer at AppDirect: *March-September 2015*

Restructured release process and integrated Docker into Jenkins (DSL) and Chef, resulting in a sixfold decrease in deployment time. Implemented on-demand QA environments using containers, Chef, and Vagrant. Converted Tomcat apps to Spring Boot to accelerate releases. Assisted QA in designing automated test framework using TestNG and Gradle. Worked with QA, Ops, and Devs to ensure PCI compliance.

Sr Software Engineer at International Data Group: *2013-2015*

Automated builds using Ant, Bamboo, Capistrano, and Puppet. Increased deployment volume by 800% for all IDG US publications. Assisted Ops in migration of RHEL 7 colo to CentOS on AWS EC2. Lead efforts to harden front-end Tomcat servers. Moved issue tracking to JIRA. Formalized refactoring process with static analysis tools. Migrated sites from Oracle 11 to EDB/PostgreSQL 9.4. Dockerized CMS components. Converted APIs to REST and JSON.

Sr Programmer Analyst at IDG Consumer & SMB: *2010-2013*

Replaced in-house Flash player and video transcoder with distributed, ad-capable, mobile-ready solution. Worked with DBAs and Ops team to migrate legacy video and implement CDN. Set-up monitoring and metrics for ads. Managed Tomcat configuration, load-balanced app design, programmed shell scripts on RHEL6. Moved codebase to Bitbucket git. Aided in the re-implementation of the front-end with Bootstrap and jQuery.

Sr Application Developer at PC World: *2006-2010*

Converted a fatigued ASP site to Macworld's more modern Java framework, allowing the two publications to share resources. Modernized front-end with Ajax and CSS. Moved codebase to SVN and managed issues with Trac and SQLite. Used XSLT to implement content-sharing SOAP APIs for affiliates.

Developer at Macworld: *2005-2006*

Tasked with rewriting Perl-based site and CMS into Java using the Struts framework. Converted legacy content to XML and migrated data from MySQL to Oracle. Helped with Apache administration.

ADDITIONAL SKILLS

- Working knowledge of Python, Ruby, Go, VB, C11, C++, and LISP
- Prolific technical writing with Markdown and Confluence. Creative Cloud power user.
- Native proficiency in French and Spanish

EDUCATION

UC Davis, CA: Bachelor's of Science in Zoology with a minor in Art.

References and code samples gladly provided upon request.