

Rocky Gray Jr.

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EMPLOYMENT

December 2014 – Present

VideoBlocks

Reston, VA

Sr. Software Engineer

- Collaborated on infrastructure migration from a managed hosting platform to AWS
- Designed, implemented, and managed infrastructure in AWS for our core web applications and microservices
- Lead engineer for development of an internal PHP framework
- Lead engineer for RESTful interface design and implementation
- Implemented features in our core product which affected the home page, search results, and the shopping cart experience
- Updated development environments from a local installation to Vagrant and then Docker
- Built an event management service within in our PHP framework and an event consumer framework using AWS components
- Built automation tools using Ansible and Jenkins with a Hubot interface and Slack integration

July 2012 – November 2014

Capital One

Richmond and Vienna VA

Software Engineer

- Designed and implemented SOAP and RESTful middleware using Jersey and Spring frameworks
- Implemented 2-way SSL between an internal portal and an API sandbox
- Built a system to manage a cluster of Wiremock instances to provide extensible stubbing for APIs on the developer portal.
- Designed, managed, and automated processes to publish static Swagger specs
- Lead for college hire technical interviews

June 2011 – August 2011

Capital One

Richmond, VA

IT Intern

- Developed relationships between applications, VMs, and servers within a CMDB
- Designed and implemented server patching automation scripts in Windows and Linux environments

EDUCATION

Vanderbilt University - Bachelor of Engineering - Computer Engineering and Engineering Management

May 2012

TECHNICAL SKILLS AND EXPERIENCE

Front End

Frameworks: AngularJS, Bootstrap

Back End

Languages: PHP, NodeJS, Java

Scripting: Unix, Bash, Korn, Python, Ruby

Databases: MySQL, PostgreSQL

Development Tools

VCS: Git, Subversion

Build: Composer, npm, Maven, Ant, make, grunt, gulp

Design

Adobe: Photoshop, Illustrator

Open Source: GIMP, Inkscape

Web Services

Servers: Weblogic 11g, Apache, Jetty, Tomcat, Nginx

Frameworks: OSB, JAX-WS, Jersey, Spring

DevOps

AWS: EC2, RDS, S3, CloudFront, Route53, API Gateway, RDS, SQS, Redshift, Kinesis

Automation: Ansible, Chef, Vagrant, Jenkins

Containers: docker, docker-compose, docker-machine