

Rithy Bun Huot

Bronx, NY | (347) 375-8626 | RithyBHuo@gmail.com | RithyHuot.com
www.github.com/rithyhuot | www.linkedin.com/in/rithyhuot

Experience

Systems Engineer, DevOps

Oct. 2016 - Jan. 2017

Optionmetrics, LLC

New York, NY

- Implemented and supported build automation processes that compile, package and deploy applications for DEV, Staging, QA, and PROD environments, including any post-rollout issues
- Designed and deployed automated workflows using Stonebranch scheduler for data processing resulting in ~30% reduction in coupled workflows and ~15% increase in operational efficiency.
- Oversaw and maintained back-end applications and database systems across DEV, QA and PROD

Systems Engineer, Cloud and Datacenter

June 2015 - Oct. 2016

Broadridge Financial Solutions, Inc.

Edgewood, NY

- Contributed to an estimated 20% of the development and maintenance of the virtual machines and infrastructure forecast with a global team of 25 people
- Designed and developed Cloud integration processes based on AWS reference architecture for Hybrid cloud
- Managed and supported physical and virtual infrastructures across multiple data centers
- Developed and deployed automation tools for VMware, IBM and AWS infrastructure
- Supervised incidents for 5+ major and 15+ minor production outages with 100% resolution

Junior Vendor Management Analyst

May 2013 - May 2015

Stony Brook University

Stony Brook, NY

- Managed relationships and contracts for 97 vendors and 150+ software/hardware maintenance contracts
- Researched, analyzed and evaluated new vendors, 25+ in total as of March 2015
- Contributed to an estimated University's savings of \$0.92m in 6 months (2013) compared to \$1.22m in 12 months (2012)

Certification

- | | |
|--|---|
| • ASOA 2016 AWS Certified SysOps Administrator | Associate Level (Certificate AWS-ASOA-4175) |
| • ADEV 2016 AWS Certified Developer | Associate Level (Certificate AWS-ADEV-4595) |
| • ASA 2016 AWS Certified Solutions Architect | Associate Level (Certificate AWS-ASA-20526) |

Projects

JustDolt (Rails, PostgreSQL, React, Redux)

[Live](#) | [Github](#)

A fullstack, single-page event management app inspired by Meetup.

- Optimized live searches by reducing the number of AJAX requests which resulted in reduced server loads
- Applied React's virtual-DOM to sync state changes from database using RESTful API from Rails backend
- Implemented custom secure front-end and back-end user authentication using Salt and BCrypt
- Designed a fully-responsive, user-friendly frontend experience with CSS flexbox and React Modal
- Leveraged AWS S3 for persistent datastore for images and videos

NewsJunkie (React Native, Firebase, Javascript, Expo, Cognik)

[Github](#)

A native news feed mobile application (Impact Hackathon June 2017)

- Implemented user authorization with Firebase
- Developed unique user profiles for content discovery and personalized recommendations with Cognik
- Designed a user-friendly experience with simplified user interaction and personalized contents

Skills

JavaScript | Ruby | React
| Redux | Rails | jQuery |
SQL | Python | AWS
| TeamCity | Terraform |
Packer | Git | Powershell |
RSpec | React Native

Education

App Academy, Spring 2017

Full-stack web development course with a <3% acceptance rate

Stony Brook University, 2015

*BS, Double Major in Information Systems & Business Management
GPA 3.74/4.0*