Rithy Bun Huot

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Experience

Software Engineer   July 2017 - Present
AdhereTech, Inc.   New York, NY
- Design and develop back-end microservices using Ruby on Rails, Java, Docker, Jenkins and Kubernetes
- Design and develop front-end web applications using Angular 2, React, Hugo and Docker
- Lead multiple intra-source projects to reduce pain points across business, pharmacy relation, and tech departments at the organizational level
- Lead the effort in documentation and testing for AdhereTech's smart pill bottle and its surrounding software ecosystems

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

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

JustDoIt (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

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 |Angular | Rails | SQL | Python | AWS | Docker |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