



Introduction

Hello,
My name is Joseph Stout and I am 28 years old. I am an avid AWS user that has a passion for programming, system administration, and reliability. I launched my first website when I was only 12 years old, completely self taught. In my free time I am a member of my local astronomy club and pair programming club. I enjoy traveling to new places, spending time with my family, and learning new things. I am looking for a company I can grow into - where I can learn new things on a daily basis while also helping coworkers grow.



Skills

I. Site Reliability Engineer

- Worked with many pipeline products building enterprise integration and delivery pipelines. (CircleCI, BuildKite, Jenkins, etc)
- Wrote IAC from the ground up utilizing Terraform, Terragrunt, Terraform Enterprise, and CloudFormation.
- Configured hundreds of servers using Ansible, Ansible Tower, or Ansible AWX.
- Created and maintained highly scalable, highly available, applications with Kubernetes and Helm.
- Managed the entire life cycle of Kubernetes clusters from initial creation all the way through upgrading and or destroying clusters.
- Used Fastlane to build, test, perform static code analysis, and deploy mobile applications.
- Integrated code coverage checks onto Pull Requests with CodeCov and Coveralls.
- Integrated Datadog into infrastructure for monitoring and alerting against SLI's / SLO's / SLAs as well as APM, and log consolidation.
- Certified Kubernetes Application Developer, working towards obtaining Certified Kubernetes Administrator very soon.
- Wrote tooling to enable employees to succeed in their day to day work by abstracting complex systems into a simple CLI utilizing python, go and nodejs.

II. Cloud Architect

- Designed and implemented highly available and highly scalable systems using EKS, ECS, EC2, load balancers, auto-scaling, and Route 53 DNS service.
- Implemented Disaster Recovery by maintaining multi-region active-active and blue green infrastructure.
- Managed relational databases in AWS's Relational Database Service with fail over capability to other availability zones.
- Created AWS S3 buckets and migrated data to cloud storage with life cycle rules to move storage into affordable options lowering cost over time.
- Implemented AWS CloudFront content delivery network cut down website latency to viewers worldwide as well as offer high availability.
- Created Docker containers for applications with portability and scalability in mind, utilizing Docker Hub and ECR.

III. Developer

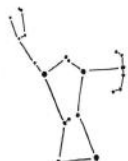
- Wrote and maintained serverless applications with service oriented architecture in mind, enabling quick deployments of different parts of a product.
- Utilized many frameworks and languages in a professional capacity including React, React Native, Laravel, Node, Golang, and Python.
- Experienced git user. Utilized GitHub, CodeCommit, and GitLab on previous projects and maintained high code quality through code reviews.
- Designed database schema's in DynamoDB, Microsoft SQLServer, MariaDB, and MySQL.
- Competent Amazon Alexa developer that has utilized AWS Lambda and NASA API's during development.

IV. Systems Administrator

- Experienced with many Linux distros and Windows Server editions. Amazon Linux, Ubuntu, RHEL, and many different Windows Server editions.
- Windows Active Directory domain administration experience for large companies.
- GSuite and Office 365 administration experience.

Contact

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Work History

- I. 08/2019 - Present: Sr. Site Reliability Engineer
 - **Beam Dental**, Columbus, Ohio
- II. 02/2019 - 08/2019: Sr. DevOps Engineer
 - **JPMorgan Chase**, Columbus, Ohio
- III. 10/2017 - 02/2019: DevOps Analyst
 - **MoveHQ**, Reynoldsburg, Ohio
- IV. 09/2015 - 10/2017: DevOps Engineer
 - **IGCS Software**, Reynoldsburg, Ohio