Roger Stringer

Full-Stack Software Engineer

Contact

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About

Roger is a Skilled full-stack developer and DevOps engineer with over 20 years of hands-on experience supporting, automating, and optimizing mission critical deployments, leveraging configuration management, CI/CD, and DevOps processes, as well as every aspect of the software development lifecycle, this also helps translate into content development as well as it gives him a point of view from both sides.

Profiles

Twitter
@freekrai (https://twitter.com/freekrai)

Github
@freekrai (https://github.com/freekrai)

Work

crowdcast   2020-03-18 — 2022-06-30

Software Engineer

Maintained the company's infrastructure on Heroku, AWS and Vercel. Came onboard during their busiest time and helped refactor existing code and databases to handle heavy traffic, then helped design and develop their V2 platform.

Highlights

- Managed infrastructure

- Helped refactor existing codebases (angular, express) and databases (firebase, mongodb, redis) to handle heavy traffic
- Worked on migrating from angular / firebase to a nextjs / Hasura v2 platform
- Maintained video recording platform

Imagely LLC   2018-01-01 — 2020-03-16

DevOps Engineer

Maintained the company's infrastructure, which I migrated from a standard web server setup divided between Digital Ocean, Vultr, Rackspace and Kyup to a Docker cluster setup on Google Cloud Console, and handled serverless setup on AWS as well using serverless and Claudia.

Highlights

- Also designed and developed a Terraform / Kubernetes-based platform to host their SaaS hosting service which used WordPress multisite, Google filestore and Google Cloud Storage as well as MySQL cluster and Redis and memcached.
- This included using Go to write several utilities such as gocachefs which is a fuse-base filesystem that provides a caching layer between local and remote filesystems, and a quorom service that handles switching between kubernetes pods in an active/passive cluster to determine which pod is master or slave based on site availability.

Clevertech   2015-03-01 — 2017-08-01

Senior DevOps Engineer

As a DevOps Engineer, I worked with diverse dev teams and clients to build maintain websites across a variety of stacks and tools such as AWS, Heroku, Git, Node, PHP, Rails, Python, AS/400 MySQL, CouchDB, Postgres, SQL server. Including jumping in and coding as needed on projects, and also developing internal tools.

Highlights

- Maintained git repositories for company projects and set up automated testing and deployment using either Travis-CI or Jenkins
- Using either Ansible, Helm or Terraform, set up environments on either EC2 servers or docker hosts (ECS, docker cloud, or later kubernetes) for continuous testing and deployment of various client projects.
- Worked heavily with AWS and its infrastructure.

Education

Keyin College   1997-01-10 — 1998-04-30

🎓 **Software Design and Development**
   Bachelor

Publications

Twilio Cookbook (First and Second Editions)
Published by **Pakt**

The first (and second) books written about Twilio via Pakt Publishing.

Real-Time Twilio and Flybase

Published by **Apress**

A book I wrote for Apress about using Twilio and Flybase together.

Skills

Frontend

- HTML / JSX
- SCSS / CSS / Styled Components
- Javascript / Typescript
- React / Next.js / Remix
- Vue
- Angular
- Tailwind
- Chakra
- Redux / Apollo

Backend

- Node
- PHP
- Go
- Ruby
- Python
- Postgres
- Redis
- Serverless

Databases

- PostgreSQL
- MySQL / MariaDB
- DynamoDB
- Firebase
- Redis
- MongodB
- ElasticSearch
- Fauna

- Prisma
- Hasura
- SQLite

Devops

- AWS
- Google Cloud
- Digital Ocean
- Heroku
- Vercel
- Netlify
- Serverless
- Kubernetes / Helm
- Docker
- CDK
- Ansible
- Terraform
- Caching

Other

- Technical Writing / Content Development
- Project Management

Languages

English
Native speaker

Interests

Camping

Cooking

Movies

Music

Reading / Writing

Open Source