

Siwen LIU (Sebastien)

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SENIOR DEVOPS ENGINEER

Profile

I like to refer of myself as building technology to improve the world we live in.
I love automated fluid processes which empower the devs to build their needs.
I would to find an ambitious "to-cloud" mission to work on with a clever group of individuals.

Skills

Problem solver

I love to make things work.
Determined efforts will lead to a solution, helping both company and clients to get to a better place.

Neat

I believe in DRY and commented code. Simplicity of conception. The most concise is often the best approach.

Technically

Currently proficient with

Bash, git, AWS (CFN, EC2, ECS, RDS, IAM, Route53, CloudWatch, VPC, CodeDeploy...), Ansible, Terraform, Packer, Docker

Used to work everyday with

puppet, data centre, Capistrano, Rails

More keywords

AWS Nginx Varnish Docker Terraform Packer Consul Newrelic TravisCI Codeship VPN Security
Encryption Agile methodology Project management SQL

Experience

Nurun Australia (Part of the Publicis Australia Group) - <http://nurun.com/>
Senior Devops Engineer Sep 2016 - Present

Working on a hosting platform for the numerous websites of the Publicis Group agencies/clients around Australia.

Technologies: Full AWS (ECS/CloudFormation/ElasticBeanstalk/RDS/CloudWatch,IAM,S3...),
TravisCI/Codeship, NewRelic

Concepts: continuous integration, continuous deployment, autoscaling, security (encryption/isolation)

Key words: Terraform, Packer, Docker, Codeship, VPN Gateway

Racing UK (Contracting for Publicis Australia) - <https://www.racinguk.com>

Devops Engineer

Sep 2016

Created a container based deployment platform for RacingUK numerous environments/services, as well as the Continious Integration system, Codeship driven.

Worked within a close team of 3 people, we implemented a fully customised solution based on Consul, ECS to dynamically serve the developers and the need of production load. The solution came up with the build of the new Racing UK site/services.

A pivotal experience to my cloud knowledge. A lot about autoscaling, automation & routing.

Key words: AWS CloudFormation, docker, AWS ECS, Consul, CloudWatch.

FrontFoot

System Administrator

Oct 2012 - Sep

2015

Many projects, mostly created hybrid infrastructure for in-house and Telstra PocketNews system, agile methodology in mind.

Involved at all different levels: - Project planning - Team management - Client management - Devops setups

STMicroelectronics

Senior Automation Engineer

2005 -

2010

Implemented scripts to build VHD hardware design language to models.

Key words: Solaris/Linux, Perl

Projects

Racing UK

Led the application aritechture design, and delivered a high available (multi-region disaster recovery, “pilot-light” environment), scalable, Predictable performance racing website.

The racing website can handle thousands of customers watching live streams, bet at real time, update blogs during racing carnivals.

WizardOfOdds - <https://wizardofodds.com.au>

Implemented the infrastructure and automated deployment process and autoscaling.

Integrated in smh.com.au and delivered 50-60ms web response time during Melbourne Cup Days.

Education

Bachelor Sc Computer Science

, , Sep 1999 - Jun 2003

Programming, Routing, Security

Languages

Mandarin

Native language

English

Fluent

Certifications

AWS Certifications

Other

Visa: Australian Permanent Resident

Notice period: 4 weeks

Interests: My family, cooking, playing table tennis