

BATTISTON

I'm conscientious, creative, open minded, passionate, patient and I love to learn

Hello, thank you for taking the time to read my CV, I hope you enjoy it.

I feel that I am most drawn to DevOps practices which share an essence of equitable inclusivity within an organisation - especially practises which may be applied across an organisation as whole; my favourite examples of such practices are Asynchronous Communication, Opt-In Transparency and Remote-First. To me, these represent a way forward for many organisations, through the integration of improvement into mission. To me, that's what DevOps is all about and I seek to facilitate that integration wherever I go 😊

While I was a certified 🏆 AWS Solutions Architect - Associate[®]™ 🏆, and a consultant for firms which specialised in AWS, I was required by Cloud Law, to do all of my work with AWS. I have since let the certification expire, as I'm not too interested in accreditation from AWS, plus there are much more interesting things to do than study for the pro exam. The good news is: The judicial oppression I mentioned is but a distant, painful memory. All jokes aside, I do have personal preferences, but I have found that when working on a project, the tooling should really be about balancing forces, whatever they may be (The hard to impossible bit is identifying such forces). If we're talking about operating systems and their flavours - I'm much more familiar with Linux than I am with Windows. Fedora-based Linux in particular, but I have experience working with Debian systems too.

I love programming and I do a lot of shell scripting for bash, both for work and to improve my environment. I like to think about and (attempt to) write programs with the capability of generating their own functionality. My mains are probably Python, JavaScript and Ruby; however, I do like to all-round things, so I can also do a bit of PowerShell, PHP, Java, /C[\++|#]/ and regular expressions.

Below is a table of my previous positions, dates and durations for which I was employed, as well as the organisation which employed me. While this is table simply an outline; the next page contains more project specific information next page.

<u>Position</u>	<u>Organisation</u>	<u>Duration</u>	<u>Date</u>
DevOps Engineer	Swann Communications	1-year	2020 - Current Date
Cloud Engineer	Contino	1-year	2018 - 2019
Senior Consultant	Deloitte DevOps / Strut Digital	3 years	2016 - 2018
DevOps Engineer	Oasis.com / RSVP	1-year	2014 - 2016
DevOps Engineer	Tabcorp	1/2-year	2014
C.P.O.S.*	MYOB	1-year	2013 - 2014
Dev / Sys Admin	Blink Mobile Interactive	3 years	2010

*C.P.O.S. is short for **Cloud Platforms Operations Specialist**, which is possibly the best position title I've ever held.

If you'd like to get in touch with me, that's great; contacting me is easy! While I prefer text messages, I also accept phone calls, video calls, voice messages.

My phone address is
My GitHub user is
My email address is

+61 419 111 995
linked in **this link**
mikeydevops@gmail.com

What I've been up to, in terms of project delivery and technology

Swann Communications

As one of two DevOps Engineers at Swann, I am spread across much of our technology backlog. So far this has meant that I'll be involved in the planning, implementation, monitoring, support of many projects – from iOS CICD pipelines to automated major version upgrades of Aurora DB clusters, and everything in-between.

iOS CICD Pipeline Reliable iOS App builds with Fastlane, driven by Rake, driven by Jenkins Pipeline

Design: Reliability Service Automated micro-service monitoring platform, delivered on ECS, driven by CDK

Contino

For a project team of four, delivering cloud-hosted development environments demanded efficient collaboration and effective communication; for discovery, design and implementation to be successful and to be perceived as successful, we had to be asynchronous and adaptive.

In practice, we made use of opt-in transparency and remote-first principals to maintain asynchronous communications, while also creating and iterating on prototypes and proofs of concept to adapt quickly, while providing a great experience & managing the expectations of our client. Some other projects I worked on:

N.A.B. On-premise to Cloud Migration of multiple legacy applications.

Squad Zero Internal work to improve the automated on-boarding processes.

Strut Digital & Deloitte DevOps

I joined Strut to try my hand at consulting and enjoy the variety of projects. I learned a lot when I joined a team of 6 Engineers in Implementing a highly secure and fully automated deployment of enterprise CMS, Adobe Experience Manager (AEM) for *Westpac Group*.

Around the time Strut Digital was acquired by Deloitte - forming Deloitte DevOps; we began building a managed services capability, using IaC and automated tooling, to help clients with their journey to the cloud. As well as the day-to-day operation of client workloads, our team was designing and building bespoke solutions for our any specific needs a client may have. Some other projects I worked on:

Qantas Supporting qantas.com & dev teams running applications on Qantas Cloud Platform

iSelect Cloud Migration of an iSelect web app to AWS ECS

First State Super Improvements of Python ETL process

Oasis.com / RSVP

Working between RSVP and Oasis.com - From infrastructure described by Puppet and CloudFormation, to managing Elasticsearch clusters, G-Suite Migrations, application build automation & deployments, to containerising our Puppet testing environment, as opposed to simply running no-ops on live nodes

Tabcorp

I joined Tabcorp to help with the complete overhaul of tab.com.au. Specifically, I joined the API team, who were designing and building the APIs which integrate with highly regulated, on-premise APIs. Working with the API team, I was able to develop my skills as a developer while looking after the day-to-day of the API's supporting infrastructure

MYOB

At MYOB I monitored and improved the architecture of our cloud infrastructure, general maintenance of our systems and contributed to operations planning, such as DR planning.

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What I've been up to, in terms of toolsets

If you're interested in tools I've been using and what I do with them, you'll love this!

Automation

CloudFormation: many templates for networks, application infra

Make & Terraform: basic use

CircleCI: created and modified pipelines

Bitbucket Pipelines: configured, managed pipelines & variables. Advanced use, such as dynamic/recursive pipelines.

Jenkins: Configured system, remote agents, Jobs & Pipelines; managed system; setup role based auth & AD integration

Bamboo: Installed, configured, managed and created API Client for Automation

Rundeck & TeamCity: Created & managed jobs

Packer: Created & pushed Docker images, created custom AMIs

Cloud

AWS: Experience with: API Gateway, ASG, Aurora, Billing, CDK, CloudFormation, CloudTrail, CloudWatch, CodeBuild, CodeDeploy, CodePipeline, Config, Connect, Directory Service, DynamoDB, EBS, EC2, ECS, ECR, EFS, ElastiCache, ELBv1&2, IAM, IOT, KMS, Lambda, Lex, RDS, RI purchasing, Route53, S3, SES, SSM, SQS, WAF, VPC

Azure: minimal experience

Configuration Management

Puppet & Hiera - Enterprise and Open Source, M Collective, Minimal Puppet DB

Ansible, Chef & Salt – minimal experience (CloudFormation passing vars into ohai, A few playbooks here and there)

Secret Management: Vault, KMS encrypted Parameters in SSM Parameter Store

DB Engines

MySQL, Aurora MySQL, MSSQL, PostgreSQL, MongoDB & DynamoDB: Basic use, orchestration and optimisation

Alerting, APM, Logging & Monitoring

CloudWatch & CloudWatch Logs: Custom metrics, alarms, log groups for logging from lambda and other services

PagerDuty & Opsgenie: Automated PagerDuty downtime scheduling, created teams, alarm schedules and rules

NewRelic & DataDog: Created custom metrics, alarms and monitors

ELK: Managed small ElasticSearch clusters, Logstash forwarders & indexers, configured Kibana dashboards

Splunk: Configured hundreds of Alarms, created dashboards, indexes and many searches

SumoLogic: Created many searches, and dashboards, on-boarding automation, and more with API

Networking & Routing

Nginx, Apache: Basic/intermediate use

IIS: minimal

HA Proxy: Load Balancing and Blacklist IP Rate Limiting

AWS Gateways: NAT, Internet, Private

AWS Route53: Private and Public hosted zones, Split Zones using SOAs

OS-Level Virtualisation & Container Orchestration

Docker: Running applications on ECS, Development environments, Test environments for Puppet

Kubernetes: One-time setup of Kafka & Prometheus

DockerCompose: Development environment + basic Terraform testing

Practices

Communication: Opt-in transparency & Async Comms

Agile Ceremonies & Practises: I'm used to 2 week sprint cycles + all the ceremonies

Branch Strategies: Trunk-based dev, GitHub flow

Test Driven Development: I like it 😊

Programming Languages

Bash: Many scripts and projects, see <https://github.com/mikey-dotfiles>

Python: General scripting, debugged ETL app, Created Bamboo & DataDog API Clients

JavaScript: Generic API client generator, visual programming language environment, Karaoke System frontend

Ruby: Rake based system for automation of iOS App builds and deployment, Rake based automation for AWS tasks

PHP: Web dev for mobile applications; transforming scraped html to display nicely on mobiles, PHPUnit + Selenium

Java: University level assignments with Generic Classes and other OOP Classics

C++: University level assignments with Generic Classes and other OOP Classics

CSS3: I just... I just don't know. It's so hard to use and learn, but I kind of get by in a hacky kind of way 😊

HTML5: Probably more to learn than I assume

XSLT: a little experience

VCS

Git: Intermediate use: mostly CLI, interactive rebasing, SourceTree for visual aid with cherry picking

Subversion: Basic use