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CORE COMPETENCIES

AWS
AWS IAM
AWS Cloud
AWS EC2
AWS Lambda
AWS Elastic Beanstalk
AWS Database Server
AWS Internet of Things
AWS Pinpoint
AWS VPC
AWS SNS
DynamoDB
Scale Balancing
Load Balancing
Cloud Watch
Python 2 & 3
JavaScript/NodeJS
XML/Json
Linux/Windows OS
SQL/Non-SQL
HTML/CSS
BeagleBone/Raspberry Pi
ASP.NET
Business Management
Organisational Analysis
Staff Management
Strategic Planning
Formulate/Control Budgets
Operational Management

KEY ATTRIBUTES

Team Leadership
Strategic Outlook
Holistic Thinking
Analytical
Problem-Solver
Innovative/Creative
Influential
Work under Pressure
Can-Do Attitude
Solutions-Oriented
Performance-Driven
Flexible/Adaptable

SIMON GWYNN

AWS CLOUD ARCHITECT

A solutions-oriented, influential, and performance-driven cloud architect and technology solutions specialist with over 13 years of cumulative experience in managing sports/events, deploying sports results solutions, and migrating applications to the AWS Cloud Infrastructure. Excellent strategic and operational leader demonstrating a strong ability at building partnerships with critical stakeholders, understanding client needs, drafting requirement specifications, developing migration roadmaps, and deploying cloud infrastructure for achieving business outcomes. Astute problem-solver with an innovative mindset, adept at formulating/controlling budgets, creating a shared vision and pursue excellence for generating tangible success. Long-term interests in engineering, deploying, and migrating solutions to AWS Cloud for a broad range of clients for accomplishing strategic objectives.

AWS EXPERIENCE

OWNER AND MANAGER / *Sports Services and Technology*

Jan 2016 – Present

Key Responsibilities

- Deliver cloud-based technology sport and result services to major events and tournaments organised by various sports organisations across ANZ
- Manage the technical and implementation team, in addition to overseeing event logistics and daily operations
- Evaluate, establish, and define proof of concepts for deploying sports technology solutions to the cloud
- Develop cloud architecture strategy for carrying out the environment mapping exercise in AWS
- Utilise AWS Identity and Access Management (IAM) for creating comprehensive platform systems and virtualisation migration strategy
- Create a high-level roadmap and recommend best practices for deploying applications and databases to the cloud platforms
- Implement cloud migration processes, in addition to training users on accessing, updating, and maintaining applications in the virtual platforms
- Write the cloud management rules, governance policies and security models for migrating applications and solutions to AWS Cloud
- Coordinate with prospective clients for determining their needs, conducting onsite technical assessments, designing effective solutions, and resolving mission-critical business issues on the cloud
- Design targeted and engaging presentations, travelling to client sites for demonstrating cloud solutions
- Analyse project requirements, establishing the required parameters for delivering the right solutions to the clients, in addition to managing the commissioning of the project to the client
- Build the security model and other applications in AWS using VPC, Elastic Beanstalk, SRS and SNS

Key Projects

Vehicle Heat Sensor Notification

- Deployed a sensor for measuring the heat and movement in a vehicle using AWS Cloud

Remote Decoder using SSH Tunnel through an AWS EC2

- Commissioned remote decoders at sports events for forwarding all passings to a computer and subsequently to the results program

EDUCATION

GRADUATE DIPLOMA /
INFORMATION SCIENCE
Massey University
2020 (Currently Completing)

CERTIFIED AWS CLOUD
PRACTITIONER
Amazon Web Services
2020

POSTGRADUATE DIPLOMA / SPORTS
MANAGEMENT
Massey University
2009

BACHELORS' DEGREE / COMMERCE
AND ADMINISTRATION
Victoria University of Wellington
2007

OTHER EXPERIENCE

VENUE RESULTS MANAGER / RUGBY
SEVENS AND TRIATHLON
Gold Coast Commonwealth Games
Oct 2017 – Apr 2018

EVENT MANAGER
Cycling Queensland
Jan 2017 – Oct 2017

RACING MANAGER
Cycling Victoria
Feb 2013 – Dec 2016

CYCLO-CROSS SERIES
COORDINATOR
Cycling Australia/MTBA
Jun 2013 – Dec 2014

SPORT COORDINATOR
BIKENZ (Cycling New Zealand)
Jun 2011 – Jan 2014

*Previous Career History from 2007
to 2012 available on request*

KEY EVENTS MANAGED

Available on Request

REFERENCES

Available on Request

AWS EXPERIENCE (CONTINUED)

OWNER AND MANAGER / *Sports Services and Technology*

Jan 2016 – Present

Key Projects

Self-Service Registration System

- Implemented a self-service registration system via SMS to enable customers registered and receive their race packs

Online Points Table

- Deployed an online points table for uploading event results through a Python code, in addition to checking the athletes in the system, adding their names if they are new and displaying a dynamic points table using JavaScript

Encrypted Chat System

- Hosted an encrypted chat system on EC2 system through a Python Code, enabling client systems to securely connect to sports officials and send/receive notifications/messages

Remote Starter Tablet

- Created a tablet for Downhill Racing using a BeagleBone Black with a screen and a banana plug connection for extracting an impulse from the starting gate to confirm the race number and allocating a start-time to the user

Virtual Race Map System

- Extracted an XML feed for displaying competitors' location on a map and the distance completed by them in a virtual race

GPS Tracker

- Created and deployed GPS trackers using AWS IoT & Gateway Device to display vehicles on a map, working out race analytics and the distance to complete

Automatic Capture Device

- Implemented an automatic capture device for a photo-finish camera to capture when triggered by a beam or sensor

Commentator Tablets

- A system that enabled commentators to see sports results on a screen through a Wi-Fi or internet connection

Start Light for Racing

- Triggered a start light device by a shadow AWS IoT Core and automatically changing from blank to red to green using a Python program on a Raspberry Pi linked to LED boards

Online Report Creators

- Used Json feed for creating online PDF reports for major international events

Online Calendar

- Created a web platform for deploying an online calendar to enable clubs and organisers add events to the calendar

ACADEMIC PROJECTS

Online Workplace Check-In and Check-Out System

- Used AWS for recording and notifying the supervisor the date and time when someone checks in and checks-out of their remote office

E-Commerce Web Applications

- Created several e-commerce web applications hosted through AWS cloud