PETER KEOGH

IT CONSULTANT

CONTACT

+61 411 626 703

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www.pksonlineadventure.com

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EXPERTISE

- Cloud Services Design & Sales

- Cost and price modelling of IT managed services (including Cloud)

- Technical Architecture & Planning

- Data Analysis & Visualization

- Leadership and Stakeholder Management

CERTIFICATIONS

- AWS Machine Learning Engineer - Associate

- AWS AI Practitioner

- AWS Cloud Practitioner

- The FinOps Foundation - FinOps Practitioner

- ISC2 Associate Member

- ISC2 Certified in Cybersecurity

PROJECTS

- Cloud Resume Challenge - implementing current Cloud concepts (PaaS, serverless, CI/CD) using Azure Storage, Functions, Key Vault, CDN, CosmosDB, GitHub, Python

- Weather Forecast Project - using Azure Functions, APIs (OpenWeatherMaps, OpenAI), ChatGPT Plus, Python and JavaScript.

- Data Analysis Projects -
  - Correlation of subreddit activity and Gamestop stock market pricing
  - Visualisation of mental health metrics from ABS Study of Mental Health and Wellbeing

- For project details go to:

https://www.pksonlineadventure.com/architecture.html

PROFILE

I am an experienced IT professional with over 20 years of experience in middle and senior technical and solution roles. My many engagements have seen me prepare cost-efficient cloud infrastructure designs, bottom-up cost modelling of end-to-end managed services spanning up to 7-year terms, financial and operational optimization of cloud services, business continuity and risk management solutions.

My experience in data analysis and financial modeling spans assessing workload performance for workload candidates for Cloud, through to more recently backtesting trading systems using several years data, including what-if scenarios for different risk management strategies, and parsing large subreddit data sets using Python an GPT Plus.

Over the past year I have refreshed my technical knowledge and skills gaining certifications from AWS, The Finops Foundation and (ISC)². I have also completed a series of projects at home, demonstrating a practical knowledge of AI, Cloud services, serverless architecture, CI/CD, Prompt Engineering and Data Visualisation.

I bring a collaborative, respectful and honest approach to the workplace. I seek to become part of a team that makes the operational and financial promise of Cloud services real through the application of FinOps principles - value-based decisions developed collaboratively, supported by rock solid data.

WORK EXPERIENCE

Financial Derivatives Trader   2017- Present

- Trading equity and commodity-based futures (Soybeans, SP500, DOW, SPI)
- Trading systems research and backtesting over a minimum of 10 years of historical price data
- Develop, test and inmplement strict risk and money management strategies around technical trading systems
- Maintenance of performance metrics and benchmarks on trading performance (win/loss, risk/profit)

Technical Consultant, Emerging Business Group

CSC Australia   2013-2017

- Development of bid response material for CSC Cloud services, including bottom-up cost and pricing models, technical architecture, service integration, migration, and financial projections based on various migration scenarios and run rates
- Workload assessment - determining the most cost-efficient solution for workloads based on resource usage, compatibility, location and system dependencies, licensing and regulatory requirements
- Defined the shared support model between client and CSC, integrating CSC managed services with client DevOps/IoC processes
- Contributed to successful tender responses for private and government clients
  - Private Cloud hosting 1000+ servers (GE Capital)
  - Government Hybrid Cloud (Geosciences Australia)

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REFERENCES

Mr David Tait
AI Lead, DXC
+61 413 623 356

Mr Andrew Carr
BFSI Segment Lead, NCS Group Australia
+61 411 782 130

Mr George Nicolaou
Head of Commercial and FinOps, NAB
+61 436 652 759

Account Lead Architect

CSC Australia

2011-2013

- Developed GE Capital account technology roadmap covering:
  - Staggered refresh of ageing Windows and Linux server fleet
  - Optimisation of CSC-provided mainframe technology and services
  - Capacity and growth forecasting
  - Roadmap to adopt next-generation infrastructure services (IaaS, hybrid cloud services), aligned to client business application roadmap
- Chaired the CSC Infrastructure Architecture Review Board, facilitating the development, review, and approval of architecture artifacts

Architecture and Design Services Manager

CSC Australia

2008-2011

- Architecture Practice Management
  - Promoting and executing CSC's Catalyst architecture framework, including review of locally and globally-created architecture artefacts
  - Staff line management duties for 12 Melbourne based architects and design engineers
- Senior Consultant to CSC's Natural Resources clients

Senior Solution Architect

CSC Australia

2004-2008

- Lead Architect, IT Infrastructure Outsource RFT (BHP Billiton)
  - Lead Technology Architect for CSC's successful response to the Infrastructure Outsource RFT for BHP Billiton, providing Architecture oversight of all solution areas including SAP, midrange, storage, collaborative/desktop, network, and service desk
  - Helped CSC pivot to business-unit specific negotiations as contract terms and conditions evolved over time, co-ordinating a global team of architects during due diligence and service implementation, assisting in individual business unit take-up of new services
- Technology Planning and Roadmap (BMA Coal)
  - Assessment and documentation of current state of IT environment
  - Engaged with mine managers and engineers to perform a business continuity assessment of all technologies supporting the major mining systems (SCADA/process control, safety, MES)
  - Establish technology direction for all infrastructure technology areas (Network, Compute platform, Storage, Collaboration), forecast over a 3 year time frame
  - Produce client technology plan by defining key programs of work, their dependencies, priority and likely timeframe for deployment
- Managed Service Development
  - Service definition including SLA, performance metrics
  - Alignment and integration of services into both CSC and Client enterprise service management frameworks
  - Bottom-up cost modelling
  - Technology solutions supporting the managed service