

# JAMES BROMBERGER

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## Senior IT Technical Director

### Web Scale, Cloud and Security Architect

With over 20 years with multi-national companies on web-scale technology platforms, architecting, implementing and operating services to meet global 24x7 service requirements. My communication skills have allowed me to be capable of quickly resolving multiple and complex issues whilst managing IT operational and global support staff.

- Cloud & Non-Cloud Infrastructure Architect
- Senior Team Manager
- Strategic Technology Planning
- Open Source Developer/Contributor
- Conference Presenter
- Technical Trainer

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## Employment History

**2014 – Present**      **Associate Director, National Cloud Lead**  
**Ajilon** [www.ajilon.com.au](http://www.ajilon.com.au)

### Company Profile

Ajilon provides program and project management, bespoke development, analysis, architecture, testing & QA, services, as a part of the Adecco group. Its customers are large enterprises and government agencies.

### Assignments:

2014 – Present: AWS Partner Alliance Lead/Manager

2017: RAC ([www.rac.com.au](http://www.rac.com.au)) : creation of the Databricks analytics environment

2017: Dept Training & Workforce Development: Cloud transition consulting

2017: Education Dept WA: Student Management System technical development governance, cloud readiness

2017: Education Dept WA: GovNext WAN (networking) review

2017: Racing & Wagering WA: Cloud Security Review

2014 – 2017: **Landgate** ([www.landgate.wa.gov.au](http://www.landgate.wa.gov.au)). Land Title Registry Transformation Project – migration to AWS Cloud-based infrastructure of the Western Australian Land Titles processing and the creation of Land Registry as a Service platform, Advara. Due to my expertise in Cloud Technologies, Networks, Encryption and Security, my engagements were extended by the customer beyond the project and into the transformation of the entire department as it migrates into the Cloud and away from its legacy on-premise infrastructure.

2015: Woodside ([www.woodside.com.au](http://www.woodside.com.au)). Input into design of the European expansion of Woodside and using a cloud-first approach for its corporate IT requirements.

2015: Ajilon: Instrumenting and achieving AWS Advanced Partner tier for Ajilon.

**2012 – 2014**      **Solution Architect**  
**Amazon Web Services** [aws.amazon.com](http://aws.amazon.com)

### Company Profile

Amazon Web Services provides a collection of computing services that together make up the world's leading Cloud Computing platform, offered over the Internet by Amazon.com.

### Responsibilities

Along with a regional sales manager, I opened the Perth office of Amazon Web Services in June 2012 ahead of the company's Australian infrastructure expansion. My role was as the technical face of AWS to customers in Western Australia and South Australia. I also provide the official Debian Linux images (AMIs) on the AWS Cloud.

- Delivered AWS's formal training and education program in Perth and Adelaide
- Contributed to published whitepapers

- Contributed to AWS Global Certification
- Undertaking a technical depth in Cloud Security
- Delivered public customer presentations, including Security presentations at AWS Customer Summits.

#### Clients

- Tens of thousands of customers across Western Australia South Australia, and the world: WA Police, State Records Office, Department of Parks & Wildlife, Bunnings, AFG Online, Navitas, AMCOM, Rising Sun Pictures, ICRAR/SKA.
- 20,000+ customers of the Debian GNU/Linux AMIs

### **2010 – Present**

#### **Founder**

**Nepology** [www.nepology.net.au](http://www.nepology.net.au)

**JamesBromberger.com** [www.jamesbromberger.com](http://www.jamesbromberger.com)

#### Company Profile

Providing Linux, Open Source, Cloud expertise to local and international clients.

#### Responsibilities

- Advanced Security and Operations on AWS training; content, delivery
- Architected and developed web-forum scraping platform context extraction using W3C XPath, Regular expressions, running on the AWS Cloud
- Architected and developed a mining equipment tracking application, running on the AWS Cloud
- Linux server support, cloud services deployments

### **2005 – 2010**

#### **Global Network Operations Manager**

**Vibrant Media** [www.vibrantmedia.com](http://www.vibrantmedia.com)

#### Company Profile

Vibrant Media is an advertising platform that analysed web pages on-the-fly, inserting context relevant advertising into web content (often seen as double underlines in web pages).

#### Responsibilities

I joined the company when it was 28 people in 3 offices with a server footprint around 20 hosts. I managed the growth of the infrastructure through data centres across the US and Europe, with around 800 physical servers delivering content to 50% of the US Internet (ComScore metrics). As Head of IT, I was responsible for all IT service delivery to hundreds of staff in 13 offices, across 4 countries – a growth of over 1,000% over three years (as awarded by the Deloitte Fast 50, Inc500 fastest Growing Companies, AlwaysOn Media Top 100 winner 2007-9).

- Service Delivery Manager for global Internet-scale advertising platform
- Planning, deploying, configuring, running, diagnosing issues with advertising delivery infrastructure from multiple data centres globally, 1,000's of servers, focused on resilient design and fast delivery
- Budgeting and coordinating all IT purchases

#### Major Projects

- Intellitxt In-Text – in-text advertising delivery platform operation
- Intellitxt SmartAd – Mid Page Unit (MPU) advertising keyed from document context

#### Clients

- Microsoft, Coca-Cola, IDG, Unilever, HP, Jaguar, Visa and many more.

### **2003 – 2005**

#### **Systems Administration Team Manager**

**Fotango (Canon Europe)**

#### Company Profile

Fotango was a subsidiary of Canon Europe NV, and initially was an online photo sharing and printed product store (*similar to and pre-dating Picasa/Flickr*), delivering projects for Canon Europe, such as an on-line photo sharing service (Canon Image Gateway).

## Responsibilities

I joined as a Systems Administrator and within 12 months was managing the infrastructure team.

- System and network design, security, maintenance, monitoring
- Systems administration team management
- MySQL database data and query optimisation and operation
- SAN administration
- Network design, implementation for HA resilient environment
- Organising office relocations, data centre moves

## Major Projects

- Canon Image Gateway (online photo archive, ½ million registered users March 2005, 3TB)
- Canon Your Print (Canon printer test-drive program)
- Fotango.com (Europe's first online photo site)

**2000 - 2002**

**Senior Systems Administrator/Webmaster**  
**Hartley's Ltd (JDV) [www.jdv.com](http://www.jdv.com)**

## Company Profile

JDV was the development arm of Hartley Poynton stock broking, later spun-out to its own organisation providing a dynamic real-time on-line trading engine. This platform was branded for various customers (eg: Westpac bank). (Later known as Commsec Investor Services, a part of CBA).

## Responsibilities

I joined Hartley's as the expert in Web technologies.

- Web Server Farm (Solaris, Apache, etc.) design, implementation, operation, and maintenance
- Disaster Recovery environment design and implementation
- Management and mentoring of other staff
- Internet security, consulting to banking clients

## Clients

- Westpac Bank, AMP, Suncorp, BankWest, Quicken (Aust. & N.Z.), Charles Schwab

**1997 – 2000**

**Webmaster**  
**The University of Western Australia [www.uwa.edu.au](http://www.uwa.edu.au)**

## Organisation Profile

The University of Western Australia is the principle university in Western Australia.

## Responsibilities

I joined as Campus Wide Information Systems (CWIS) Officer, responsible for a unified web presence across independent departments and research centres, providing information and implementations of new technologies.

- Overseeing all university online publications
- Directly involved with the university Faculty Handbooks published online
- Management of other technical staff

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## Formal Education

1994 – 1999 Bachelor of Computing & Mathematical Sciences, University of Western Australia (IT, French)  
1988 – 1993 Hale School, Perth

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## Professional Development and Conferences

2017 Amazon Web Services: APN Cloud Warrior Summits (Melbourne, Sydney, Brisbane)  
Amazon Web Services Summit – Sydney  
Amazon Web Services Public Sector Summit – Canberra (Presenter)  
2016 Amazon Web Services Summit – Sydney

- 2015 Linux.conf.au, Auckland (Papers Committee)
- 2014 AUSCERT Perth 2014 Roadshow (Presenter)  
Australian Computer Society Perth Conference (Presenter)  
Amazon Web Services Summit – Sydney (Presenter – Security)  
Amazon Web Services Summit – Auckland (Presenter – Security)  
Linux.conf.au, Perth (Presenter, Papers Committee)
- 2013 Debconf 13, Geneva, Switzerland (Presenter)  
Amazon Web Services Customer Summit, Sydney (Presenter)  
Linux.conf.au, Canberra (Papers Committee)
- 2012 Amazon Web Services Customer Event/Region Launch, Sydney  
Linux.conf.au, Ballarat
- 2010 Management Skills for IT, Learning Tree, London
- 2007 Debian Conference, Edinburgh  
FOSDEM, Brussels, Belgium
- 2005 FOSDEM, Brussels, Belgium  
UKUUG Summer Conference, Swansea, UK
- 2004 FOSDEM, Brussels, Belgium
- 2003 Linux.conf.au, UWA, Perth (Organiser)
- 2002 Linux.conf.au, UQ, Brisbane  
Australian Debian Mini-Conference (Organiser), UQ, Brisbane
- 2001 1<sup>st</sup> Debian Conference, Bordeaux, France  
Linux.conf.au, UNSW, Sydney
- 2000 Apache Con Europe, London
- 1999 Ausweb 1999 Conference, New South Wales

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## Certifications

- AWS Certified Developer – Associate
- AWS Certified Sysops Operator – Associate
- AWS Certified DevOps Engineer – Professional
- AWS Certified Solution Architect – Associate
- AWS Certified Solution Architect – Professional
- AWS Certified Advanced Networking – Specialty
- AWS Certified Cloud Practitioner
- MySQL Certified Administrator

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## Professional Memberships & Associations

- Debian GNU/Linux (2000 – present)
- Perth Linux User Group (2011, 2012 President)
- AWS User Group Perth
- Linux Australia
- Internet Association of Australia (Founding Member as WAIA)
- Electronic Frontiers Foundation (Life Member since 1997)

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## References and Referees

Available on request, or via LinkedIn.