



Samuel Brereton

SYSTEMS ENGINEER

✉ sam@sambrereton.net.au

SUMMARY

I am an experienced Systems Engineer adept in bringing forth expertise in design, installation, testing and maintenance of Servers and Data Networks, as well as Linux, Mac and Windows Systems Administration.

I enjoy learning new technologies by diving right in and deploying it myself on my own equipment.

Employment History

Specialist Technician, Department of Education

January 2022 — Present

I provide services to schools within the Department of Education in the following areas.

- Systems and Network Administration
- Windows and Mac Desktop Support
- Active Directory, Sharepoint, Azure AD and Office365 Administration.
- Project Planning and Management
- Purchase and Requisition Planning.
- Disaster Recovery and Backup Solutions
- Mobile Device Management Solutions and other key areas.

My role within the department presents unique challenges that tests my skills and knowledge and helps me improve my communication and inter-personal skills.

Systems Engineer, JB Hi-Fi Education Solutions

January 2022 — Present

I provide support to JB Hi-Fi Education Solution's clientele mainly consisting of schools and other education providers in areas such as Systems and Network Administration, Project Management and other areas as required as part of the EduSTAR.TSS program.

Systems Administrator/Software Developer, URL Networks Pty Ltd

March 2018 — December 2021

I managed a wide range of systems, networks and software at URL Networks including but not limited to

- Linux System Administration (Debian, CentOS, Alpine Linux)
- Network Administration (Mikrotik, Cisco)
- IP Telephony Systems (Freeswitch, Yeastar, Epygi, Yealink, Grandstream)
- Mail Servers (Postfix, Dovecot, Amavis, Perdition)
- DNS Servers (BIND, dnsmasq, PowerDNS)
- Database Systems (MariaDB, Redis, Galera, Postgres)
- Amazon Cloud Infrastructure (Route 53, SQS, S3, SES)
- Google G-Suite (Mail, Docs, Sheets, etc.)

Links

[My Personal Website](#)

Skills and Strengths

PHP, Bash, Powershell, Lua

Amazon S3, SQS, SES,

Route53, Lambda

MySQL, GaleraDB, Redis

Apache, Nginx, Tomcat,

Litespeed

Agile Software

Development

Windows Systems

Administration

Linux Systems

Administration

Laravel Framework

Hobbies

Hiking, Electronics, Classical

Music, Volunteering,

Freelance Software

Development

- Version Control Systems (Gitlab, Gitea, Bitbucket)
- Virtualization (Proxmox, LinuxContainers, KVM)

In addition, for their Hosted PBX product I developed code to expand, improve and compliment the platform. I also wrote integrations with Dynamics, Cliniko, Tableau and other vendors.

Systems Administrator, Beonic Technologies

April 2015 — March 2018

I managed the IT infrastructure at Beonic, including but not limited to

- VMware ESXi, vCenter, vMotion
- Windows and Linux Server Administration
- Network Administration including Cisco and Meraki.
- Active Directory, Group Policies, Login Scripts, NPS/RAS.
- Exchange, Sharepoint, Azure AD, Office365
- Citrix XenApp/XenDesktop/Director

I also managed the systems associated with their people counting products as well as their other product suites written in Java/C++.

Director, Bay Islands Computer Services

June 2007 — September 2014

Managed the day-to-day operations of a computer services business on Russell Island in Queensland.

- Repairs, Upgrades, Builds of Computer Systems
- Troubleshooting of customer issues.
- Hardware/Software Ordering and Configuration.
- Managing Invoicing, Calls, Payments and other core business functions.
- Management of Business Website including Shopping Cart system.
- Tutoring and Computer Classes

Education

Diploma of Information Technology (Network Administration), TAFE Queensland, Brisbane

December 2013

Certificate II in Business Administration, TAFE Queensland

April 2012

Additional Certifications

Mikrotik Certified Network Administrator, Duxtel

August 2021

Comptia A+, Pearson Vue

April 2013

Red Hat Certified Network Administrator, Pearson Vue

April 2013

References

References available upon request