

Nathan Glover

Technology Enthusiast

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Career

Hardware Systems Design & Development SME

August 2017 – Current
BHP (Perth, Western Australia)

Working as an energetic member of the Digital Tribe, I work with a variety of people with a diverse backgrounds on big problems as we drive a Digital Transformation within the Decision automation space.

Selected accomplishments:

- Accustomed to an agile deliver, and adding value through software and hardware sprints
- Embedded software and hardware design and implementation
- Process automation mindset
- Continuous integration across infrastructure and software pipelines

Software/Network Engineer (Intern)

February 2017 – August 2017
Cisco IoE Innovation Centre (Perth, Western Australia)

Worked as a motivated team member on Software/Network engineering projects exposing myself to the design process of platforms and systems in the emerging IoT space. I worked alongside a team of developers and on a number of software and hardware development projects.

Selected accomplishments:

- Design dynamic and flexible frontends with Python web frameworks (Flask & Django).
- Network hardware design and configuration.
- Container deployment and management on a broad range of architectures.
- Mobile application development using typical package/build management methods (Gradle, Maven)
- Concise workflow documentation

Network and System Administrator

December 2014 – November 2016
Galati Group (Perth, Western Australia)

Worked as part of a motivated IT Team, servicing and managing 15+ sites across WA. Regular tasks included maintaining backup systems, improving DR solutions, researching and investigating new technologies and managing a variety of server platforms and POS systems. I worked directly on a number of Infrastructure projects that had me assist in the design and implementation of a large upgrade to our existing core business systems. I managed the majority of service request that came through that requiring changes to be made to our virtualization platform and storage cluster.

Selected accomplishments:

- Administration and Installation of 300+ Windows Desktop/Server based systems.
- Thorough documentation of new and current hardware and software processes.
- Experienced at dealing with users on a daily basis for any IT needs.
- POS and EFTPOS installation and management.
- ESXi / vCenter implementation and servicing.
- Veeam & ShadowProtect backup scheduling & maintenance.
- Managing and Administering project documentation.
- Task automation when applicable.
- Responsible for upgrading and managing our support desks ticketing system.

Support Technician

November 2012 – November 2014
Command IT (Perth, Western Australia)

Design, configure, install and support Networking and Server solutions to a number of Small/Medium businesses across Perth and The Pilbara Region both Remotely and on site. I task myself to troubleshoot, diagnose and resolve any issues that our customers might be having. My role requires me to work and solve issues independently; but also offer my skills and knowledge to the other Technicians in my team.

Selected accomplishments:

- Documentation (Work Instructions, Network topology Diagrams).

- Monitoring and site management for over 70 businesses across Western Australia through SolarWinds N-able Technologies.
- Proper phone etiquette and strong relationships with my clients.
- Design and implementation of Server 2008/2012 solutions in offices ranging from 5-70 users.
- Implementation of Visualized Server solutions.
- Experience with a range of Netgear solutions including UTM's, ReadyNAS/Data, WAP's and Switching.

Sales

November 2009 – November 2012
EB Games Australia (Perth, Western Australia)

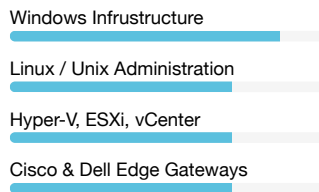
Assisted Customers by providing Trusted and Knowledgeable advice in a retail environment. Developed a strong connection of loyalty and trust from my Customers. Worked in a number of different Branches across Perth and was able to easily pick up tasks and complete my work at a High standard no matter the location.

Selected accomplishments:

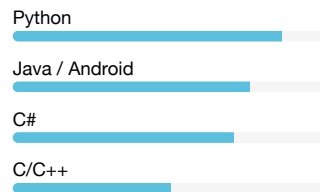
- Stock Management (Stocktake and daily/weekly counts of all Products).
- KPI Tracking and Training for myself and my co-workers.
- Strong, Loyal Customer relationships.
- Managing tasks and time-frames for Co-workers to follow.

Technical skills

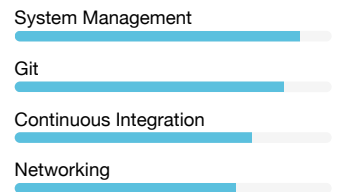
>_ Systems



</> Languages



⚙️ Other



👤 Key competencies:

- Embedded Systems: MSP430/TI, Arduino, RPi, STM32
- Web: Jekyll, Markdown, Flask, Hugo
- IDE: CCS, JetBrains, Atom, Visual Studio, VSCode
- Endpoint Management: SolarWinds N-Central, Nagios, Ansible
- Game Development: Unity3D, Blender, Spine

Side Projects

🌐 Makers Today

<https://maker.today/>

A Work in progress space for makers and general technologists to share their success stories while they design and implement new ideas!

🌐 Technical blog

<https://t04glovern.github.io/>

Github pages site that I maintain as my personal blog for information regarding any problems I deal with at work and at home.

🌐 Hand Map

<https://handmap.github.io/>

Github pages site that I use to blog on while I progress through my final year University project on 3D hand scan/mapping.

🌐 Fluffy Finder - AWS Chatbot Challenge 2017

<https://devpost.com/software/fluffy-finder>

Fluffy Finder aims to help people find animals that need love using Amazon LEX, Lambda and Slack chat integration. I developed it for the AWS Chatbot Challenge.

🌐 Fourious Movements - Intel Hacks 2017

<https://devpost.com/software/fourious-movements>

Combines open source software and low cost off the shelf hardware into an easily expandable system to assist medical researchers in measuring, logging and characterizing seizures and muscle spasms.

Education

Bachelor of Technology

🎓 Computer Systems and Networking (2014 – 2017)
<http://www.curtin.edu.au/>, Curtin University

Diploma of IT

🎓 Networking (2011 – 2012)
<https://central.wa.edu.au/>, eCentral Tafe