

**Contact** [Mark L Pappin <mlp@acm.org>](mailto:mlp@acm.org) +1 615 422 5657

<https://mlp.sarce.net>

**Summary** Experienced engineer skilled in Information Security, Technical Writing, Systems Administration of computers and networks, Programming, Embedded systems, and Electronics

### Skills

- rapid learning; effective knowledge transfer to others
- decomposition of complex systems into constituent parts; synthesis of new systems from existing components
- fluency in and experience using computer programming languages, environments, and tools, particularly Perl, C,  $\LaTeX$ , and UNIX
- TCP/IP network design, setup, and maintenance; computer network and systems administration and security
- use of CAD tools in electronic circuit design and analysis; assembly and troubleshooting of electronic circuits

### Certification

- [Tennessee Regular \(Class D\) Driver License](#)
- [CISSP](#) — *Certified Information Systems Security Professional, (ISC)<sup>2</sup>*
- [VTSP 2019](#) — *VMware Technical Solutions Professional*

### Affiliations

- [IEEE](#) — [Institute of Electrical and Electronics Engineers](#)
- [IEEE Computer Society](#)
- [ACM](#) — [Association for Computing Machinery](#)
- [DC615](#) — [Def Con Nashville](#)

### Education

*Bachelor of Engineering (Electronics)*  
*Bachelor of Information Technology*

[Queensland University of Technology](#), Brisbane

### Employment

**Dec 2017–present**

*Senior Development Engineer*

[Cybera](#), later [PDI](#), remote / Nashville, TN

**Aug 2012–Dec 2017**

*Senior Software Engineer — C compilers*

[Microchip](#), remote / Chandler, AZ

**May 2012–Jun 2012**

*Perl Analyst*

*Technical Writer*

agency [Ashdown Consulting](#)  
client [NEHTA](#), Brisbane, Australia

**Oct 2011–Apr 2012**

*NOC Engineer*

[Guvera](#), Gold Coast

**Oct 2009–Sep 2011**

*Information Security Engineer*

*Technical Writer*

agency [Bridge Point Communications](#)  
client [CITEC](#), Brisbane

**Nov 2004–Jan 2008**

*Technical Support Engineer — C compilers*

[HI-TECH Software](#), Brisbane