

# Brandon Mitchell

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## Background

Enterprise Systems Management consultant experienced in automating the deployment of software, monitoring for outages, and integrating systems. Specialties include administering Linux/UNIX operating systems, scripting with Perl, Shell, and JavaScript, and implementing the IBM Tivoli product suite.

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## Skills

**Environments:** Linux/UNIX (Debian, Ubuntu), Amazon Web Services (AWS), Google App Engine

**Programming Languages:** C, C++, Perl, JavaScript, Java, Shell (bash), PHP, HTML, CSS, Lua, Prolog, Google Apps Script

**Tools:** Git, Subversion, Docker, Chef, Vagrant, VirtualBox, Nagios, Apache, SNMP

**Tivoli Products:** Enterprise Console (TEC), Monitoring (ITM/DM), Configuration Manager (ITCM), NetView

**Industries:** Retail, Web Hosting, Pharmaceutical, Government/Military, Manufacturing, Financial

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## Professional Experience

**FVT Solutions:** *Owner, Independent Consultant*, August 2004 - Present

- Designed, implemented, and maintained solutions with the IBM Tivoli Configuration Manager, Monitoring, and Enterprise Console products.
- Developed and integrated a web based front end in PHP and scripted the backend in Perl and Shell to manage the software deployment to over 5000 systems spread over 1000 locations.
- Developed a custom rules engine based in Prolog and a web front end in Perl for the Tivoli Enterprise Console in addition to monitoring scripts in Perl and Shell.
- Designed and implemented a migration of data transfers off of a mainframe based system to a Tivoli Data Movement Service based solution using Perl and shell scripts.

**Trinity IT Solutions:** *Enterprise Management Consultant*, September 2008 - June 2011

- Designed and implemented a migration from TEC to Omnibus

**CNT (acquired by Brocade):** *Enterprise Management Consultant*, September 2000 - August 2004

- Evaluated and proposed solutions as a sales engineer and implemented those solutions as a consultant.
- Developed custom TEC rules in Prolog and extended the Distribution Monitoring library of monitors in Perl and Shell.
- Automated the configuration of new endpoints and the maintenance of the servers.
- Also worked with Access Manager, Workload Scheduler, User administration, and Service Desk integration from Tivoli in addition to BMC Patrol with Perform and Predict support.

**SRA International:** *Enterprise Management Consultant*, June 1999 - September 2000

- Implemented the IBM Tivoli product suite, particularly TEC, Monitoring, Workload Scheduler, and NetView. Extended and customized the implementations with scripts in Perl and Shell.

**SAIC:** *Systems Administrator*, May 1997 - May 1999

- Setup and maintained the Solaris based website and file server for a client in NASA.

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**Education****College of William and Mary:** 1995-1999

- Computer Science B.S., Information Technology Minor
- High Honors, Magna Cum Laude