# Summary

Software and technical engineer with thorough hands-on experience from Testing, QA to Production. I thrive myself on learning new technologies. On my spare time I enjoy building servers just to test and develop ideas running through my mind. I spend much of my free time reading and experimenting.

# Experience

## Comcast – Senior Security Engineer 1/3/2011 – Present

* Develop and maintain a MVT system to manage all firewalls and tools deployed though out the network.
* Developed a RestAPI to interact with Thrift to add Data to LDAP and Active Directory.
* Develop and maintain a remote monitoring system to manage and calculate statistics based on length of time to connect, Authenticate, and download for all VPN remote locations.
* Develop and maintain portal to generate web proxy statistics.
* Develop and maintain security system fault management support procedures for assigned systems.
* Develop and maintain security incident management procedures for assigned systems.
* Investigate opportunities to update security system capabilities or perform policy updates based upon system performance reports and observed incidents or threats.
* Perform configuration updates, such as modifying configurations, signature definitions or implementing new policies.
* Perform daily OS and application-level administration for assigned security elements, support regularly schedule maintenance and change requests.
* Provide advanced application-level support for the resolution of security system faults, including system patches and software upgrades.
* Respond to security incidents and report on incident handling and resolution.
* Ensure timely proactive identification and reporting of security gaps and vulnerabilities to the network infrastructure.
* Assist with the preparation of quarterly, monthly, and weekly reports, and trend analysis, based upon network security incidents, faults and performance data.
* Assist with exception security audits to verify completeness of security required configurations and verify system hardening.
* Participate in the post-mortem investigation of catastrophic network security incidents and prepare security incident reports documenting the findings

## Merck Inc - Test Environment Engineer 8/7/2007 – 12/31/2010

* Build and configure Oracle Siebel Environments based on specific applications.
* Configure and manage Unix/HP shell scripts for processing operation data.
* Managing and executing remote scripts using SSH and SCP.
* Manage all change and configuration requests processed.
* Record and document all build and configuration procedures.
* Responsible for maintenance and configuration changes for VMWare 3.5 hosts.
* Configuring and building new servers in a VMware 3.5 environment.
* Migrating data loads from environment to environment.
* Responsible for maintaining Help Desk cases and troubleshooting environment issues.
* Responsible for applying and documenting patches crossed environments.
* Complete builds of Siebel 8.0.0.2 systems and database servers.
* Responsible for configuration and change management for (8) Siebel 8.0.0.2 environments.

## Lucid Security Corp - Senior Developer and Security Analyst 5/2003 - 7/6/2006

* Covert installation of security controls and monitoring systems.
* Discreet Insider/Executive/Employee investigations such as Industrial Espionage, extortion, blackmail, theft of Intellectual Property, etc.
* Design and configure Checkpoint firewalls for internal and customer networks.
* Design and extend ipANGEL: an IDS with adaptive intrusion prevention technologies, the primary sustenanceof the company.
* Monitoring Internal and Customer firewalls and servers 24/7 to ensure as little downtime as possible.
* Design and configure 20 UNIX/Solaris servers on demand in production and development environments.

## Broadview Networks - Systems Engineer 6/2004 - 12/2005

* Maintain and configure 50 Solaris 7/8/9, 20 FreeBSD, 10 Slackware (linux) systems in an ISP environment.
* Monitor and maintain all ISP related software: qmail, Sendmail, BIND, djbdns, Apache, FreeRADIUS, MySQL, etc.
* Work closely with customers regarding high-speed Internet connections, collocation servers,
* Configure and work closely with customers to build IP networks to meet their needs.
* Troubleshooting Cisco and Livingston routers for T1's, T3's, SDSL, and ISDN.
* Maintain DNS management system for use by employees and ISP customers.
* Maintain Virtual Webserver management system.

## NetCarrier Inc - UNIX Software Engineer, NOC Technician 10/2002 - 6/2004

* Provide Unix Administrative support to software development efforts
* Coordinate software development efforts with the NOC and system administration departments
* Program as needed in PHP, Shell, HTML, Perl, C in variety of applications
* Configure and interface with Unix-oriented services for software projects such as qmail, Radiator, MySQL, OpenLDAP, Apache, OpenSSH , and OpenSSL
* Ability to manage emergencies and scheduled projects / maintenance 24x7 as required in service-provider environment.
* Troubleshooting dialup connections, web hosting, email and many other Internet related problems.

# Education

**Abington Highschool** Sep 1992 - Jun 1995

High School Diploma

**Eastern Center for Arts and Technology** Sep 1991 - Jun 1995

High School Diploma

# Skills Highlights

* **Scripting Languages**: PHP, Perl, Bash, csh, sh,Python,Jquery
* **Operating Systems**: Linux (Slackware, Debian, RedHat, S.U.S.E, CentOS,Ubuntu), Solaris 7-10, FreeBSD, NetBSD, Microsoft 2000/2003/2008 Server
* **Connectivity**: OC3, T3, T1, ISDN, xDSL, Ethernet, 802.1q, 802.11
* **Web Servers**: Apache 2.x, Apache 1.3.x, HTTPD,NGINX, IIS5, IIS4
* **Database Servers**: MySQL 5.x, MySQL 4.x, Oracle 10/11g
* **Routers & Networking**: Aruba,PulseSecure,Cisco, Juniper, Flowpoint, Netopia, Netscreen, Livingston, Checkpoint, F5
* **Open Source Contributor**: phpSupport
* **Environment Systems:** VMWare 3.5
* **Applications:** Siebel 8.0.0.2, BackBox, ESX & ESXi,