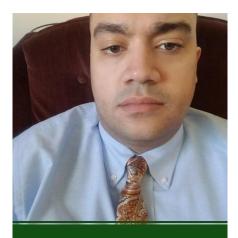
# MICHAEL TATUM



#> Linux && Security;



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# **OPERATING SYSTEMS**

RedHat Oracle Linux Fedora Debian BlackArch Kali TAILS (Tor) DBAN ShredOS BackBox TurnKey

Windows

## **CLOUDS**

DigitalOcean Azure OVH SoYouStart Heroku MLab Oracle AWS GoDaddy HostGator

#### SUMMARY

- Specializing in optimizing and hardening systems for efficient operations.
- Extensive experience in secure cloud migrations, maximizing business value.
- Expertise in preparing geographically-varied, redundant data backups.
- Designing, implementing, and securing custom high-availability server builds.
- $\,$   $\,$  Crafting and securing custom routing and traffic distribution solutions.
- Managed hosting and site administration for over 100k users.
- Proficient in automating tasks using Ansible, Bash shell scripting, and related tools at scale.
- Verifying security configurations with Linux auditing tools at scale.
- Ensuring server reliability and uptime under stress with load-testing tools.
- Visualizing and sharing business-critical data with monitoring and graphing tools.

#### CERTIFICATIONS

Sep 2024 -AZ-900: Azure Fundamentals

**Present** Microsoft

Linux/UNIX Server Administrator Certificate May 2012 -

Present **Gwinnett Technical College** 

May 2011 -PC Repair and Network Technician Certificate

Present **Gwinnett Technical College** 

### **EXPERIENCE**

Mar 2019 -Systems Engineer II Current

#### Accruent

- Multi-cloud administration, Accruent CloudOps
- Redundant international data-center administration
- Globally distributed applications, Java and Apache Tomcat
- RedHat Linux administration
- CentOS Linux administration
- Oracle Enterprise Linux administration
- Cybersecurity vulnerability patching and scanning
- F5 routing, load-balancing, and administration
- Bash Shell systems automation
- Systems configuration and administration at scale with Ansible and Salt
- IoT sensor server administration

Mar 2016 -Linux Systems Engineer Feb 2019

#### MicroAssist

- Cloud Infrastructure administration
- RHEL environment administration
- · Network monitoring and logging
- · Apache web server management and hardening
- · Moodle LMS server management
- Wordpress server management
- · Drupal server management
- · Redmine server management
- Jira server management
- MariaDB / MySQL database management
- NMap / ZenMap network enumeration
- Nginx proxy and load balancing
- Server stress testing / bench-marking
- · Server security and auditing

## **SKILLS**

Bash
GParted
CloneZilla
BackupNinja
Hardware
Networking
Apache
NGINX
NMap
ZenMap
RKHunter
Lynis
Siege

MySQL / MariaDB

VirtualBox Moodle Wordpress Drupal Jira Redmine IPTables Firewalld

Cockpit SSL/ TLS Let'sEncrypt SaltStack Ansible

F5

Aug 2015 - Adjunct Professor

May 2016 Austin Community College

• Linux / UNIX

Jun 2015 - EMT+

Mar 2016 Astreya at Google

• MacOS corporate Domain environment

- Equipment maintenance and support
- Hardware support
- Operating system / software maintenance
- Networking support
- Inventory management
- Help Desk / Ticketing
- User support

Feb 2012 - Desktop Technician

May 2015 Peniel Solutions

- Windows 7 corporate Domain environment
- Operating system / software maintenance
- Workstation support and security
- Networking support
- Hardware support
- Mobile devices support and security
- Backup management
- Help Desk / Ticketing
- User support

Aug 2006 - PC Repair and Network Technician

Feb 2012 Freelance

- Operating system maintenance and management
- $\bullet\;$  Software maintenance and management
- Networking support and troubleshooting

# **EDUCATION**

Aug 2012 - BS - Information Technology: Systems and Security

May 2015 Georgia Gwinnett College

Aug 2010 - AAS - Linux/UNIX Networking

May 2012 Gwinnett Technical College