Andrew Perlas

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PROFESSIONAL EXPERIENCE

KOMODO Hawaii   **Honolulu, HI**
IT Engineer/Systems Administrator   *Jan 2024 – Present*

- Migrate production web applications hosted on AWS by external partner to internally managed **GCP**, **Cloudflare**, and **Github** infrastructure
- Collaborate with software devs to increase security of product development through implementation of **IAM** role-based access controls and password/secret management
- Strengthen security of various company systems through **Slack** and **Google Workspace** 2FA enforcement, converting **Linux** ssh auth from passwords to keys, and building web application firewall rules
- Optimize server resource allocation for an over-provisioned ecommerce web server, cutting monthly hosting costs by 65%
- Develop comprehensive **documentation** of IT services and operations to enhance system clarity and operational efficiency

Client Solution Architects   **Pearl Harbor, HI**
System Administrator (Top Secret Clearance)   *Sep 2022 - Jan 2024*

- Performed monthly patching, **Nessus ACAS** vulnerability remediations, and application updates on **VMware** images to pushing out to **Citrix VDA** farm through Machine Creation Services
- Planned and executed the cutover of the Shipyard's Citrix Xenapp 7.15 farm to Citrix 2203, requiring coordination with networking and **HBSS** teams to ensure production traffic will be properly routed
- Migrated Windows domain services, such as DHCP and WSUS, from legacy Windows Server 2012 R2 servers to updated **Windows Server 2019/2022** virtual machines

TechMD   **Remote**
Professional Services Consultant   *Jan 2015 – June 2022*

- Converted clients' on-premises services to cloud solutions, for example: migrated physical Windows servers to **Azure** virtual machines or converted locally hosted software to a SaaS product
- Configured virtual desktop environments through Azure and Citrix for CPA clients to optimize accounting software installs and updates
- Automated a frequent project deliverable of migrating user workstations and accounts from an on-premises **Active Directory** domain to **AzureAD** using **Powershell**, reducing a 20-minute manual task to 5 minutes and resulted in projects with this deliverable to complete well under budget

CERTIFICATIONS

CompTIA Security+ ce   *July 2022*

EDUCATION

California State University San Marcos   **San Marcos, CA**
Bachelor of Science in Business Administration   *Aug 2010 – Dec 2014*
Concentration: Management Information Systems