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| Adam Peacock  101 W Abram St, Arlington, TX 76010  (214) 810-5701  apeacock@AQORN.com  http://linkedin.com/in/appeacock |



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| **Objective** |  | I am a high-energy problem-solver and cloud developer seeking a challenging opportunity with a company prepared to strategically engage emerging technologies and creative approaches to familiar challenges. | |
| **Certifications/ Recognition** |  | AWS Certified Solutions Architect (Amazon) Microsoft Certified Solutions Architect (Microsoft) Certified OpenStack Administrator (OpenStack Foundation) CCNA (Cisco) Linux+, Security+, Network+, A+ (CompTIA©) | |
| **Core Competencies** |  | Public/ Private Cloud  ● Recognized OpenStack cloud platform expert with all core projects & API automation  ● Fluent with AWS IAM, networks, EC2, ECS, Fargate, S3, NLB and others  ● Notable expertise with Microsoft Azure government and enterprise cloud design ● Natural leader of cloud engineering teams with superior presentation skills  GitOps Pipelines  ● Complex deployment experience with CI/CD pipelines and cloud deployment workflows  ● Experience automating complex systems with multiple up/downstream dependencies  ● Deep experience with cloud automation, migrations and hybrid implementations  ● Excellent documentation and conveyance of cloud technology to different audiences.  Specialization: Artificial Intelligence (AI) & Machine Learning (ML)  ● Focus areas: Model development, prototype and interface design  ● Experience with projects consisting of multiple models and inference inputs (PyVision,  box2mask, speech2mask, Tensors, others)  ● Coded self-healing network routing synthesis using PyTorch, Python and R | |
| **DevOps (CI/CD)** |  | AI/ML Tooling: PyTorch, TorchServe, Torchscript, AWS SageMaker, AWS Elastic Inference Languages: Python, Golang, Ruby, PHP and some Jscript, VB.NET, PyQT & PyTorch  CI: Svn, Git, BitBucket and Jenkins CD: Terraform, Ansible, Chef, Azure DevOps (ADO), CloudFormation, bash | |
| **Virtual Networking** |  | Solid understanding of leading industry SDWAN architectures and players (Tungsten Fabric, Cisco ACI, VMware NSX, SR-IOV/DPDK) including traditional networking concepts such as TCP, VxLAN/GRE, PPP/VPN/Frame, BGP/eBGP/MPLS and L3VPN and IPSEC. | |
| **Platform Engineering** |  | Cloud: OpenStack, AWS, Azure, VMware, Docker/Kubernetes, Service-Now and VMware  OS: RHEL, Ubuntu, SUSE and Windows Server  Storage: S3, Azure Blob, CEPH, Cinder/Swift, Redis, Mongo, Cassandra, NetApp & Hitachi | |
| **2011 – Current** |  | ***AQORN INC*** *Principal Cloud Consultant*  Open Source Projects  ● Open-source Windows/Mac GUI “OpenSphere” to provision and manage VMs and  containers using Python3 and Kubernetes (<https://github.com/AQORN/opensphere>)  ● Design and develop bare metal cloud deployment system using Ansible, Python, Cobbler,    Zabbix, Django (<https://github.com/AQORN/thunder-engine>)  ● Building Crypto arbitrage and trade framework using ML-driven trading algorithms  using Python3, PyTorch, PHP & Redis (<https://github.com/AQORN/bcx>)  **●** Offline AI chat bot with modular speech interpretation. Maintain and support legacy  builds and porting code from Python2 to Python3 ([Jasper Build Guide](https://github.com/appeacock/jasperbuster) [Jasper Client 3](https://github.com/appeacock/jasper-client/tree/jasper-client-python3))  **Facebook/Meta (NASDAQ: META) –** MLOps Engineer (Sep2021 – *Current*)  Part of the Facebook AI Research team (FAIR) automating the deployment of private cloud infrastructure for complex ML models on AWS to encourage experimentation across all Facebook products. Designed infrastructure and led logical workload migrations.  **TransUnion (NYSE: TRU) –** Cloud Security Engineer (Oct2019 – Sep2021)  Automated/ orchestrated AWS security infrastructure and processes to optimize and strengthen TU’s cloud security, developed and optimized multiple custom delivery pipelines.  **Pepsi (NASDAQ: PEP) –** Azure Architect (Dec2018 – Oct2019)  Developed Pepsico Azure strategy governing thousands of migrations; implemented migration analytics with PowerBI and integrated with Service-Now & MS Teams.  **AT&T (NASDAQ: ATT) –** Public Cloud Principal (Jul2017 – Dec2018)  Function as a trusted advisor to enterprise clients using or planning to use Azure or AWS public cloud services. Develop national cloud practice and sales collateral for internal consumers.  **Hewlett-Packard Enterprise (NYSE: HPE) –** Cloud Engineer/ Developer (Jan2016 – Jul2017)  Provided architecture and orchestrate/develop custom SAPaaS cloud platform.  Led team building a hyper-scale OpenStack cloud using KVM, VMware, K8S and bare metal.  **Wells Fargo Bank (NYSE: WFC) –** Sr Web Systems Engineer (Jan2015 – Jan2016)  Produced resilient on-premises infrastructure designs and shepherd deployments. Managed Java platform with continuous update cycle and changing audit compliance requirements.  **Juniper Networks (NYSE: JNPR) –** Cloud Architect (Mar2013 – Sep2014)  Designed fully-federated clouds across 3 N+2 datacenters connecting compute, Kubernetes clusters, bare metal and VMware ESXi farms using Contrail SDWAN and NSX.  **Cisco Systems (NASDAQ: CSCO) –** Cloud Engineer/Instructor (May2012 – May2013)  Engineered network footprint for WebEx V2 development cloud across geo-dispersed data centers. Taught 5-star cloud deep-dives, SDN & Python.  **JABIL Circuit (NYSE: JBL) –** Solution Architect (Oct2011 – Apr2012)  Designed private cloud and Big Data solutions on high-density hardware. | |
| **Publications & Leadership** |  | Current **OMG Cloud Working Group** Current **Open Cloud Council**  Current **Cloud Standard Customer Council** Current **Cloud Advisory Council** | |
| **Recent Training** |  | ● 2020 Udemy San Francisco, CA  *Microsoft Certified: Azure Fundamentals*  ● 2019 Cloud Guru San Francisco, CA  *Amazon Web Services - Architect Associate*  ● 2018 InfoSec Intitute Houston, TX  *CCNA / CCENT / CCDA / CCNA: Security Bootcamp*  ● 2017 Mirantis Mountain View, CA  *Adv Docker and Kubernetes + Certification* | ● 2016 OpenStack Univ Austin, TX  *Upstream Mentor: OpenStack Development*  ● 2013 Cisco Systems San Jose, CA  *OpenStack (Bootcamp Instructor)*  ● 2009 Sun Microsystems Sacramento, CA  *Java & J2EE Design Bootcamp*  ● 2005 Long Beach City College Long Beach, CA  *A.S. Architecture Design & Engineering* |