

Brandon Hang

Visalia, CA | [linkedin.com/in/brandon-v-hang](https://www.linkedin.com/in/brandon-v-hang) | 559-300-9564 | brandonvhang@gmail.com | brandonhang.co

EDUCATION

California State University, Fresno

Aug 2019 - May 2023

BS in Information Engineering Technology (GPA: 3.75)

Fresno, CA

- Organizations/Awards: Dean's Honors List, Magna Cum Laude

WORK & VOLUNTEER EXPERIENCE

Systems Administrator

Jul 2022 - Present

California State University, Fresno

Fresno, CA

- Administered on-campus identity information systems customizing directory services such as LDAP, Windows Active Directory, and Google Apps using SSH command line and GUI interface to meet the 20,000+ student and staff needs.
- Optimized incoming ticket operations by leveraging scripting and automation techniques, resulting in a 40% reduction in time and resources allocated to manual processes, improving efficiency and productivity.
- Strengthened security measures by patching 150+ Windows and Linux machines hosted on VMware, bare-metal, and AWS using Microsoft SCCM and AWS Systems Manager, resulting in a 90% increase in overall system security.
- Initiated the implementation of CI/CD pipelines, streamlining evaluation of AWS cloud formation templates; achieved 95% reduction in potential errors, and maintained infrastructure consistency.

Field Operation Technician

May 2021 - Jul 2022

California State University, Fresno

Fresno, CA

- Configured server-side equipment such as network switches, UPS systems, firewalls, patch panels, and fabricated Cat 6 cables across multiple independent distribution frames throughout the campus, ensuring optimal network performance.
- Validated network access for 500+ on-campus devices, adhering to the campus network connection policy by activating or deactivating a data port and implementing VLAN changes.
- Addressed complex networking issues, utilizing network monitoring tools and collaboration with network engineers, resulting in improved device communication, minimized downtime, and completed 80% of incoming tickets.

Esports Computer Administrator (Volunteer)

Nov 2021 - Present

California State University, Fresno

Fresno, CA

- Organized 12 gaming systems for the university eSports program using system imaging processes, reducing setup time for new gaming systems by 30%.
- Automated system, security, and driver updates by orchestrating systems using Ansible and Powershell scripts; guaranteeing player satisfaction, benefitted security posture for the systems, and saving 4+ hours from manual processes.

PROJECTS

AWS Serverless CI/CD Portfolio

- Built a secure static portfolio website hosted on Amazon S3, utilizing SSL certificates, HTML, CSS, and JavaScript for front-end development, providing a minimal user experience.
- Deployed a serverless architecture using Amazon DynamoDB, Lambda functions, API Gateway, Terraform, GitHub Actions, and CI/CD pipelines, reducing deployment time by 75% and increasing website availability by 99.9%.

Three-tier WordPress Web Application

- Designed a scalable and highly available WordPress web application on AWS by configuring VPC, EC2 instances, NAT Gateways, RDS databases, Load Balancers, Route 53 DNS, Auto Scaling group, certificate manager, and EFS.
- Leveraged CloudFormation, resulting in a 20% improvement in consistency and a 50% reduction in deployment time.

ADDITIONAL

Technical Skills: Operating systems, VMWare, Networking, Security, Python, Bash/Shell Scripting, HTML/CSS, SQL, CI/CD Pipeline, AWS, Git, Ansible, Cloudformation, Terraform

Certifications: AWS Solutions Architect Associate (June 2023), AWS Cloud Practitioner (July 2022)