JONATHAN NGUYEN
Midway City, CA 92655
(714) 580-2236 | jonathan@jdnguyen.tech
https://www.linkedin.com/in/JonathanDanhNguyen/

PROFESSIONAL SUMMARY

Aspiring Cloud and DevOps Engineering Professional and Navy Veteran with extensive expertise in designing and implementing secure and scalable solutions in cloud environments. Possesses notable certifications including AWS Certified Solutions Architect – Associate and CompTIA Security+. Skilled in firewall configuration and management, ensuring robust network security measures. Excels in developing and maintaining resilient infrastructures while adhering to stringent cybersecurity standards. Adept at leveraging industry best practices to mitigate risks and optimize cloud-based systems for peak performance. Areas of expertise include:

- Cloud Platforms
- Network Security
- Data Protection
- Security Compliance
- Incident Response
- Troubleshooting & Repair
- Complex Problem Solving
- Risk Management
- Information Security

EDUCATION

Bachelor of Arts, Business Administration | California State University Fullerton

Specialized Training & Certifications:
Amazon Web Services (AWS) Certified Solutions Architect – Associate
CompTIA Security+ Certified

TECHNICAL COMPETENCIES

Operating Systems: Mac / Microsoft Windows
Programming: Terraform, Kubernetes, Docker, JavaScript/HTML/CSS, Python, RESTful APIs
Networking: Amazon Web Services (AWS), Grafana/Prometheus, OpenVPN, Software-Defined Networking (SDN)ZeroTier, Ubiquiti Unifi, Palo Alto

PROFESSIONAL & PROJECT EXPERIENCE

Disney Parks | Anaheim, CA   **2018 – Present**
Electronics Technician
- Developed and deployed an automated real-time monitoring system using Splunk, reducing response time to ride issues by 20%
- Upgraded troubleshooting guides with Chef, enabling attraction operators to resolve issues 25% faster and enhancing operational efficiency
- Achieved 99.9% system availability during on-call shifts, ensuring timely resolution of attraction-related problems and minimizing downtime

Project, Mickey and Minnie's Runaway Railway
- Optimized network configurations, reducing communication latency between 'Ride' and 'Show' systems by 30%
- Executed corrective actions to address safety concerns, achieving a 100% resolution rate within specified timelines
- Led rigorous testing procedures, achieving a 95% success rate in identifying and resolving issues pre-launch, ensuring guests were able to enjoy the ride without interruptions

Disney Parks, continued
Project, Star Wars: Galaxy's Edge and Attractions
- Ensured strict adherence to safety standards, achieving a 98% compliance rate in safety reviews and audits
- Implemented preventive maintenance measures, decreasing unexpected system failures by 15%
- Led the integration of 'Ride' and 'Show' systems, enhancing overall system performance by 15%

Freelance Work | Orange County, CA   **2015 – Present**
Site Reliability Engineer
- Reduced infrastructure management time by 70% through leveraging Terraform for AWS resource provisioning. Standardized infrastructure deployments with code modules, ensuring consistency and repeatability
- Implemented DevOps principles to automate website updates, testing, and releases. Containerized websites with Docker and Docker Compose for rapid deployments. Achieved 90% test coverage using RSpec, Capybara, and Selenium, improving software quality and reducing regressions
- Deployed a website to AWS S3 using Terraform, enabling scalable and cost-effective hosting. Implemented a CI/CD pipeline with Jenkins, achieving a 90% reduction in manual intervention and deployment time, ensuring faster delivery cycles

Network Engineer
- Designed and implemented a highly available remote storage solution with 3 Network-Attached Storage (NAS) units and automated offsite backups, achieving 100% data resiliency. Secured remote access via OpenVPN and deployed Grafana/Prometheus for real-time network monitoring, reducing troubleshooting time by 40%. Leveraged Docker containers for efficient deployment and management, achieving an 80% reduction in infrastructure provisioning time
- Established 2 private Git servers for secure version control, facilitating efficient team collaboration and streamlining code management for 35 users and developers
- Set up and manage 2 enterprise-level Unifi networks using Docker containers, enabling remote management of 12 wireless access points and improving network operational efficiency

United States Navy | Various Locations   **2008 – 2014**
Information Systems Technician
- Provided level 2 IT support for over 450 personnel supporting U.S. Naval Forces Korea across 4 geographical sites, enabling mission readiness
- Enhanced SharePoint and website operations, facilitating the distribution of training records for over 200 personnel through metric analysis and continuous process enhancements