

# KAI PEACE

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## PROFESSIONAL SUMMARY

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Cloud Solutions Architect with 12+ years of enterprise IT leadership and hands-on experience architecting hybrid cloud infrastructure, containerized environments, and global distributed systems. Currently completing Bachelor of Science in Cloud Computing (May 2026) and pursuing AWS Solutions Architect certification. Proven expertise in Azure AD/M365 administration (1,000+ users), multi-node container orchestration (Docker/Proxmox), Terraform Infrastructure as Code, and network architecture with zero-trust security principles. Successfully led cross-functional cloud platform delivery using CI/CD automation while scaling international IT operations across 5 continents. Passionate about designing scalable, secure cloud architectures that align technology infrastructure with organizational objectives.

## EDUCATION

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### Bachelor of Science in Cloud Computing

Purdue University Global | Expected Graduation: May 2026

- Chancellor's List | Phi Theta Kappa | National Society of Leadership and Success
- Specialization: AWS, Azure, Cloud Infrastructure Management

## CERTIFICATIONS

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- **AWS Certified Cloud Practitioner | In Progress**
- ServiceNow Basic Administration | February 2025 – Present
- Cloud Computing Fundamentals Micro-credential | Purdue Global University | April 2024
- PMD Pro (Project Management) | APMG International

## TECHNICAL SKILLS

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- **Cloud Platforms:** AWS (EC2, S3, Lambda, CloudFront, IAM), Azure (Entra ID, M365 Administration), Hybrid Cloud Architecture
- **Infrastructure as Code:** Terraform, Docker Compose, GitHub Actions CI/CD, S3 Backend with DynamoDB State Locking
- **Containerization & Virtualization:** Docker, Docker Compose, LXC, Proxmox, ECS Fargate
- **Network Architecture:** pfSense, Network Segmentation, VPN, Reverse Proxy (nginx), Cloudflare Tunnel, Multi-Subnet Design
- **Security & Compliance:** IAM, Zero-Trust Architecture, Cybersecurity Remediation, HIPAA Compliance, MFA, Conditional Access
- **Enterprise Cloud Services:** Microsoft 365 (SharePoint Online, Exchange Online, Teams, OneDrive), Azure AD/Entra ID, Power Automate
- **Development & Automation:** Python, API Integration (Gmail API), Scripting, Process Automation
- **Tools & Platforms:** ServiceNow, Jira, Git, rclone, Backblaze, Monitoring (Cockpit, Tautulli, CloudWatch)
- **Leadership:** Project Management, Global Team Building, Cross-Cultural Collaboration, Stakeholder Engagement

## TECHNICAL INFRASTRUCTURE & PROJECTS

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### Cloud-Based E-Commerce Platform — AWS Capstone (Purdue University Global, IT473)

- Designed and deployed production-architecture AWS infrastructure using Terraform IaC across 6 configuration files, supporting a 4-person development team with automated CI/CD and remote state management.
- Architected multi-tier VPC with defense-in-depth security across 2 Availability Zones, implementing VPC endpoints to eliminate NAT Gateway costs and reduce attack surface.
- Built GitHub Actions CI/CD pipeline with environment-gated deployments, automated Terraform validation, and required peer review before infrastructure changes.
- Led cross-functional team of 4 as Project Manager, coordinating infrastructure, frontend, backend, and database workstreams from project charter through final demonstration.

- Delivered complete cloud platform on schedule integrating ECS Fargate compute, RDS PostgreSQL, DynamoDB, S3/CloudFront CDN, and full observability stack (CloudWatch, CloudTrail, VPC Flow Logs).

### Multi-Node Containerized Infrastructure (Homelab Production Environment)

- Architected and deployed production-grade infrastructure across 4 Proxmox hypervisors managing 24+ VMs and LXC containers running containerized microservices (Docker/Docker Compose).
- Implemented network segmentation with pfSense firewall, managing multiple subnets, VPN configurations, and dynamic IP rotation for enhanced security posture.
- Configured reverse proxy architecture using nginx Proxy Manager and Cloudflare Tunnel for secure external access to services, implementing zero-trust network principles.
- Established hybrid cloud architecture using rclone for cloud storage integration, automated backups to Backblaze cloud storage, and infrastructure monitoring via Cockpit and Tautulli.

### Gmail Automation Bot (Python API Integration)

- Developed Python-based Telegram bot integrating Gmail API for automated inbox management (read, archive, forward, delete operations) with OAuth authentication and error handling.

## PROFESSIONAL EXPERIENCE

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### Ball State University | Muncie, IN

IT Support Specialist

June 2025 – Present

- Leading evaluation of Azure AD/Entra ID as enterprise MDM replacement, leveraging previous Azure AD administration experience to assess cloud-based device management capabilities.
- Led campus-wide implementation of enterprise print management system across three HIPAA-segregated environments (Faculty/Staff, Students, Health Services), reducing operational expenses.
- Serve as dedicated IT contact for Administration and Marketing buildings, supporting Directors, VPs, and staff across multiple departments while completing Cloud Computing degree and AWS certifications.

### International Republican Institute (IRI) | Remote

IT Support Manager

May 2020 – March 2025

- Administered enterprise Microsoft 365 cloud environment for 1,000+ global users, managing Azure AD/Entra ID, SharePoint Online, Exchange Online, Teams, and OneDrive with multi-factor authentication and conditional access policies.
- Architected multi-tenant SharePoint Online environments for government compliance (USAID/NED/USGov), implementing role-based access control and isolated security boundaries for sensitive data.
- Migrated helpdesk operations to cloud-native SharePoint platform, implementing automated workflows using Power Automate for documentation, issue tracking, task management, and knowledge base.
- Architected and implemented network infrastructure for international field offices across 5 continents, executing installations in 6+ locations including Nigeria (4 offices) and Southeast Asia.
- Conducted cybersecurity remediation in Myanmar office, investigating persistent security flagging, identifying infected USB device as root cause, and implementing security protocols to prevent future incidents.
- Scaled global IT operations from 2 to 10 team members, directly hiring, training, and mentoring entire team while maintaining 95%+ customer satisfaction and reducing response times by 25%.
- Reduced system downtime by 30% through proactive maintenance strategies and process optimization across global cloud and on-premises infrastructure.

Senior Support Specialist

July 2016 – May 2020

- Implemented SharePoint security enhancements achieving 90% reduction in security incidents; led hardware lifecycle management and developed SOPs, reducing new staff training time by 20%.

## EARLY CAREER

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Tier II Analyst (Contractor) | USPS Office of Inspector General, Washington, D.C. Mar 2015 – Jul 2016

IT Systems Coordinator | Tilly Law Firm, Bethesda, MD

Jan 2013 – Jan 2015