Andy Kumeda

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Summary

As an engineering and project management professional with over 25 years of hands-on technology experience, I am adept at operating across various hardware and software platforms. I excel in identifying and mitigating complex technology and business challenges, providing timely solutions while working within tight timelines and budgetary constraints. With a proven track record of success, I have designed and implemented large-scale enterprise server and networking infrastructures, providing both scalability and redundancy across multiple data center locations.

Experience

Delta9 Technology, LLC Los Angeles, CA
Principal Consultant 2017 - present

- Designed and implemented SolarWinds network performance monitoring and management solutions for a large-scale medical service provider, resulting in enhanced network visibility and proactive issue resolution.
- Successfully executed network architecture designs, incorporating IPS/IDS, firewall, and VPN appliances that adhered to FBI CJIS policies and FIPS 140-2 data encryption requirements, for local law enforcement agencies.
- Played a pivotal role in identifying, protecting, and managing corporate assets by monitoring and responding to security incidents in line with organizational policies and procedures.
- Designed and established critical business requirements for high-tech startups, meeting aggressive budget and timeline goals.
- Instituted a real-time application and infrastructure monitoring and alerting framework for a large multimedia and entertainment corporation, boosting operational efficiency and minimizing downtime.
- Delivered high-availability storage area networks and VM platform design development and procurement reports for multiple universities and outreach centers spanning across multiple campuses.
- Devised comprehensive system and network specifications, integration, project management, and test plans for mergers and acquisitions, streamlining the entire process and ensuring seamless transitions.

DexYP Dallas, TX
Architect 2015 - 2017

- Collaborated effectively with all stakeholders to implement comprehensive threat detection and prevention strategies, incident response plans, forensic analysis, and data loss prevention measures.
- Designed and produced innovative enterprise solutions involving WAN/LAN, WLAN, Data Analytics, Security, and Virtual (e.g., NFV, SDN) technologies, developing automation rules and management policies to streamline processes and boost efficiency.
- Worked closely with the executive team to conduct risk assessments and develop business continuity plans to ensure compliance with SOX and PCI requirements.
- Collaborated with internal customers and corporate leadership to analyze, research, and implement enterprise-wide network and security architecture solutions that aligned with business objectives and goals.
- Designed and developed a custom open-source DCIM application that integrated internal infrastructure and application databases, enabling accurate inventory and physical location tracking across multiple data centers.
- Provided expert guidance to ensure emerging technologies and innovative ideas were aligned with the enterprise's operational and strategic goals, helping to drive overall success and growth.
- As a technology liaison leader, facilitated collaboration and integration of impactful and advanced technical solutions to drive enterprise-wide transformation and success.

YP Glendale, CA
Executive Director, Network & Telecom 2012 - 2015

- Reviewed the performance of network and telephony resources to determine operating costs, productivity levels, and necessary upgrades, ensuring optimal use of resources while minimizing expenses.
- Planned and executed business requirements, managed projects, and allocated resources effectively for network and telephony infrastructures, driving successful outcomes and meeting project goals and objectives.
- Defined and communicated project milestones, service level agreements, and resource allocation to all relevant stakeholders, including the executive team, department leads, support staff, and end-users, ensuring everyone was aligned with project objectives and timelines.

AT&T Interactive Dallas, TX
Associate Director, Voice & Data 2009 - 2012

- Presented compelling business case justifications and conducted thorough cost/benefit analyses for various operations spending and initiatives, ensuring informed decision-making by the executive team.

- Conducted benchmarking and analysis of the telephony and networking infrastructures to determine operating costs, productivity levels, and upgrade requirements, enabling informed resource allocation and strategic planning.
- Designed and implemented large-scale multi-vendor data and voice networks across multiple data centers, ensuring robust and scalable infrastructures that met business requirements and goals.
- Built and/or expanded six Tier 4 high-density data centers within the allocated budget and timeline, demonstrating strong project management skills and a deep understanding of data center technologies and requirements.

Yellowpages.com | AT&T
Manager, Network Operations

Dallas, TX
2007 - 2009

- Provided oversight for all network operations, remote communications, wide and local area networks within multiple data centers, ensuring reliable and secure network connectivity across the enterprise.
- Maintained and managed operational metrics, goals, and project timelines, providing visibility and transparency into network performance and project progress to relevant stakeholders.
- Ensured high availability and full redundancy for all network infrastructures to achieve 99.9% uptime, minimizing downtime and maintaining business continuity.
- Managed and delivered large-scale projects utilizing technical analysis, data network planning, engineering, and global infrastructure design experience, achieving project success and delivering value to the organization.

Curesearch | National Childhood Cancer Foundation
Director, Information Technology

Baltimore, MD
2004 - 2007

- Provided strategic oversight for infrastructure and data operations, ensuring alignment with the business and scientific objectives of the organization.
- Formulated and deployed long-term strategic plans for acquiring and enabling efficient and cost-effective information processing and communication technologies, ensuring that technology investments were aligned with organizational goals and priorities.
- Directed research on potential technology solutions and implementations in support of new initiatives, opportunities, and procurement efforts, providing informed recommendations to the executive team and relevant stakeholders.

Yahoo! | Overture Services | Goto.com
Senior Network Engineer

Pasadena, CA
2001 - 2004

- Designed, integrated, and implemented networks and data centers across twelve countries, incorporating sales and customer service resources and production web-searching facilities, to enable efficient and scalable operations in multiple regions.
- Led the technology mergers and acquisitions migration and integration of FAST and AltaVista, ensuring seamless transitions and minimal disruption to operations.
- Collaborated with senior engineering team leads and executive management to develop technology and business roadmaps, providing efficient, scalable, cost-effective, and fault-tolerant network and systems infrastructures.
- Worked with project managers and internal customers to define proper deliverables, communicate expectations, and manage risks, ensuring timely delivery of milestones and objectives.

SKILLS

Cloud:	AWS, Azure, Digital Ocean, CloudFlare
Network Management:	Solarwinds Orion, ManageEngine OpManager, Zabbix
DevOps:	Ansible	Terraform, Github	git, Docker	Vagrant	Multipass
Collaboration	Project Management:	Asana, Notion, Trello, Smartsheet, Jira	Confluence, Kanban	Scrum
Security:	Fortigate, Cisco ASA, Rapid7
OS	Languages:	Python, Javascript, Linux	MacOS, PHP

AWARDS

Cisco Certified Internetwork Expert (CCIE #3406)
CCIE Routing & Switching, Written & Lab

Cisco Systems
1997

Cisco Certified Internetwork Expert (CCIE) Re-certification
Security (2001), IP (2003), Routing & Switching (2004,2007), VoIP (2009), Service Provider (2011), Data Center (2015)

Cisco Systems

AT&T Service Excellence Award
IPV6 Implementation

AT&T
2011

METRC Validated Software Provider
CA Department of Food & Agriculture | CA Department of Public Health

METRC
2019

Certified Enterprise Blockchain Professional (CEBP)
101 Blockchains

101 Blockchains
2021

EDUCATION

California State University, Long Beach
BS Computer Science and Engineering

1986 - 1992