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CAREER PROFILE

I am a fast learner and effective communicator with excellent relationship-building skills. With more than 20 years of experience, I am an expert in designing Highly available, Secure and cost effective solutions for various customers including Tier 1 ISPs. I have supported sales and post sales divisions with diverse roles, and successfully driven end-to-end transitions of solutions into production platforms. I am eager to contribute my Application, Networking and security expertise and technical acumen.



EXPERIENCES

Senior Solutions Architect Jan 2018 - Present
Akamai (Akamai acquires Nominum)

Senior Solutions Architect Nov 2016 - Jan 2018
Nominum (PEO: Tiger Consulting PTE TD)

As part of Akamai's Professional Services in the Media and Carrier division, I contribute to shaping and securing the internet. My role involves utilizing DNS, Proxy, APIs, web servers, and scripting languages like Perl and Python. I work with databases (PostgreSQL, Vertica, InfluxDB, MySQL), message bus systems (Kafka, Elasticsearch), and various monitoring tools to provide optimized solution to customers. I have experience with on-premises and cloud infrastructure (Linode, AWS, Google Cloud, VMware, Docker), as well as several authentication systems (SSO, IAM, LDAP, SAML, Radius) used by application and platform. I collaborate with Product Management, Engineering, and Support to integrate our components with customer infrastructure, especially with top-tier ISPs in the Middle East, Asia, and Australia. I mentor my SA team to deliver cost-effective solutions by leveraging a diverse set of technologies. I support proof-of-concept and design efforts for Akamai SIA (DNS Based Protection System) and Media (LCDN and LMS) products.

DNS Engineer Jan 2014 - Nov 2016
JP Morgan Chase

Overall responsibility of DNS Infrastructure of Bank having Migration from QIP to Bluecat Platform, Standardize the Infrastructure

Identify automation opportunity and procure/develop the tools. e.g. developed handover Portal for Critical Infrastructure Team, Develop Dashboards using Elasticsearch. etc...

Design Consultant March 2012 - Dec 2013
Cable&Wireless, Bangalore (Now Vodafone)

Solution and Design Engineering for IPAM, DNS, DHCP for customer Bank of America.

Handle Escalation from T2/3 team, RFP for other clients support the sales team for new prospective customer.

Sr. Network Infrastructure Engineer June 2011 - Feb 2012
AKAMAI, Bangalore

I was part of Network team responsible to design, Procure, Implement all AKAMAI equipment (Network/servers/WDM/Fiber) on various Third Party datacenters for my region (China and Amsterdam)

Sr. Site Reliability Engineer July 2010 - May 2011
AOL, Bangalore

worked as SME for NetScaler and CDN infrastructure. AOL being a beta tester for Citrix I was responsible for Code Testing and Certification followed by Implementation of new firmware before it got rolled out into the market.

Sr. System Engineer July 2005 - June 2010
Cable&Wireless, Bangalore (Now Vodafone)

Started as Tier 1 Engineer, then promoted to T2 Engineer, to Implementation Engineer and then Tech lead (Sr. System Engineer or T3 escalation support)

Handled various roles and responsibilities including several projects

Network Engineer Dec 2004 - June - 2005
CMS Ltd., New Delhi

Supported Datacenter related activities at VSNL Datacenter (Now Tata Communication)



SKILLS & PROFICIENCY

Cloud Services	Linode, Azure, AWS, Oracle Cloud, Kubernetes.
DDI (DNS, DHCP, IPAM)	Cacheserve (DNS based protection using Threat avert and parental control using Secure Consumer and Secure Business), Authserve Bluecat, QIP, INS(BT Diamond IP), ISC BIND/DHCP, F5 GTM/F5 3DNS, Cisco CNR, Power DNS, Kres-resolver, Unbound, dnsmist.
LoadBalancer	F5 GTM/LTM/BigIP/3DNS, Netscaler, Hearbeat, Toplayer IDS Balancer, Cisco ACE, nginx.
OS Platform	Redhat, Ubuntu, Linux, Microsoft Windows & Sun Solaris.
Protocols	DNS, DHCP, SNMP, TCP, UDP, NTP, HTTP, SSL.
Proxy Server and Content Filtering	Bluecaot SG, Netcache, SQUID and Websense, Smart Filter, Varnish, nginx.
NTP	Spectracom NTP STRATUM1, Redhat NTPD STRATUM2.
Wan Optimizer and Flow Capture	Juniper Peribit, NetScout, Lancpe Flow Replicator, Ethereal, Cisco Netflow.
Monitoring	Telegraf, Grafana, Kapacitor, Netcool, Open-NMS, Nagios, BMC Patrol Agent, StableNet, NTOP, etcd.
DB and Analytics	kafka, vertica, Mysql, Postgres, influxdb, grafana, Hadoop, Hive, ElasticSearch, Kibana, Bettermap.
Automation	Shell, Perl, Python, Ansible, Java , API.
SSO and Security	LDAP, Kerberos, OneLogin, oauth2, okta, PKI infra.
Process Tools	SalesForce, ITSM, BMC-Remedy, Maximo, Siebel, JIRA, HP Service Manager



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- 🐦 [@kum_naveen](https://twitter.com/kum_naveen)

DEGREE

Bachelor In IT
IGNOU, New Delhi, India
2001 - 2004

BSc in Physics
Magadh University, Bodh Gaya, India
1998 - 2001

DIPLOMA

Diploma In System and Database Administration
CDAC, Noida, India
May 2004

Higher National Diploma in Computing
Edexcel Foundations, London
April 2003

Foundations of Novell Networking
Novell Education
March 2004

CERTIFICATIONS

CKA: Certified Kubernetes Administrator
The Linux Foundation
Apr 2023

Microsoft Certified: Azure Fundamentals
Microsoft
Jul 2022

Foundation Associate
Oracle Cloud Infrastructure
Jan 2022

R Programming
John Hopkins University (Coursera)
Apr 2015

Hadoop Fundamental
Big Data University
Dec 2014

Unified Messaging (642-105)
Cisco
Feb 2010

MCSE (6173671)
Microsoft
Jun 2008

Green Belt Six Sigma
Benchmark
Mar 2007

RHCE(804006296022577)
RedHat Inc.
Oct 2006

LANGUAGES

- English (Professional)
- Hindi (Native)

PERSONAL DETAILS

- Nationality (Indian)
- VISA (Singapore Employment Pass, US B1/B2, Malaysia Visit Visa)

INTERESTS

- Browsing new technology in the market
- Photography
- Travel
- Listening to music