

Profile

Kenneth

First Name

Smart

Last Name

smartkl@gmail.com

Email Address

43001 W Blazen Trl

Street Address

Suite or Apt

Maricopa

City

AZ

State

85138

Postal Code

Mobile: (602) 903-5161

Primary Phone

Alternate Phone

Which Boards would you like to apply for?

Heritage District Citizen Advisory Committee

Are you applying based on a request from a member of City Council?

Yes No

If so, please indicate which Council member:

City Resident

What district do you live in?

If residency status is non-resident, do you own property or a business within the City of Maricopa?

Yes No

Interests & Experiences

Briefly tell us about your experience and education:

I have been involved in many large high profile Internet companies throughout my career. Starting out working for the second largest internet service provider in the nation at the time in Northern California, I relocated to Arizona 10 years ago to work for Global Crossing, an Internet backbone provider of the time. I have served in technical leadership positions throughout my career, most recently with Salesforce.com. I work remotely for them as a Systems Engineer from my home here in Maricopa.

Briefly tell us why you want to serve on this board/committee/commission:

I enjoyed being involved in the 2040 committee and believe I could find myself useful for this committee as well.

When are you available for meetings?

My position with my employer allows my schedule to be fairly flexible. As a result I can meet pretty much anytime.

Are you a graduate of the City of Maricopa Citizens Leadership Academy?

Yes No

If so, what year did you graduate?

Are you at least 18 years old and registered to vote in Pinal County?

Yes No

Have you lived within the City's Incorporated Limits for at least one year?

Yes No

Have You Served On Any Boards, Commissions, Committees, or Task Forces In the Past?

Yes No

If so, Please List:

[resume_1_.pdf](#)

Upload a Resume

Board-Specific Questions

Question applies to Industrial Development Authority Board .

Briefly explain your professional experience in finance, banking, economics or accounting?

Question applies to 2040 Vision Steering Committee Task Force .

Briefly explain your experience with community visioning, strategic planning or other related activities.

I believe anyone who moved to Maricopa not for what it is today, but for what they see for the future is a community visionary. In 2007 when I moved to Maricopa I evaluated many valley cities, but I could see there was something special happening here in Maricopa. I have a knack for having that type of vision. Seeing the diamond in the rough. The Phoenix technology community is one example of something I have worked to polish. As the organizer of the East Valley DevOps technology meetup I have worked to grow the knowledge base here in the valley in order to bring employment to the area. This is the type of vision and big picture thinking I can provide.

Question applies to Non-Profit Funding Evaluation Committee .

Are you, or a family member, a Board Member for a Non-Profit Organization and is that organization applying for funds from the City? If yes, please explain.

Question applies to Non-Profit Funding Evaluation Committee .

Are you employed or volunteer for a non-profit organization?

Yes No

Question applies to Non-Profit Funding Evaluation Committee .

Are you willing to sign a conflict waiver?

Yes No

Question applies to Age-Friendly Maricopa Advisory Committee .

Are you bilingual? If so, what languages?

Question applies to Age-Friendly Maricopa Advisory Committee .

Please explain why you are interested in serving on the Age-Friendly Committee?

Question applies to Age-Friendly Maricopa Advisory Committee .

What categories apply to you? *

- Faith/Religious Representative
- Business Representative
- Veteran
- Nonprofit Agency Representative
- Government (Municipal, County or State) Representative
- Funder (A philanthropic, business or government agency that funds senior initiatives within Pinal County or Maricopa County)
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- Community Seat (An individual representing families taking care of senior parent(s) and/or children, grandparents raising grandchildren, ages 25-35, 55-65 or 75 and older)

Question applies to Age-Friendly Maricopa Advisory Committee .

Please describe why you would be a good representative on the Age-Friendly Committee for the category(ies) selected.

Question applies to Age-Friendly Maricopa Advisory Committee .

What collaborations are you involved with related to age-friendly, senior or elder initiatives?

Question applies to Age-Friendly Maricopa Advisory Committee .

Please describe how you will gather and incorporate feedback from other stakeholders that represent the category you are applying to represent.

Additional Information

Ken Smart

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Maricopa, AZ 85138

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Systems Architect / DevOps Software Engineer

Accomplished network and systems engineer with 15 years of experience building and designing systems for some of the world's largest Internet companies. Experienced with the software development life cycle and well versed with Python, Ruby, Perl, and other scripting languages. Most recently working in the CDN and SaaS segments and looking to utilize my varied experience for the right opportunity.

Areas of Expertise

- Highly Scalable System Design
- Development (Python, Perl, Ruby, & PHP)
- Network Automation
- System Automation
- Infrastructure Management
- Network Performance

Technical Proficiencies

Platforms: Red Hat Enterprise, Ubuntu, CentOS, Cisco, Juniper
Languages: Perl, PHP, Python, Ruby, Javascript
Automation Tools: Puppet, CFEngine, Chef, SaltStack
Monitoring: Zabbix, Nagios, Splunk
Other: TCP/IP, DNS, High performance web delivery and caching services.

Patents & Awards

Time Based CDN Traffic Allocation - Lead Inventor

United States Patent #: [8775564](#)

Professional Experience

Salesforce.com – San Francisco, CA (Remote Employee in AZ)

Senior Systems Engineer (June 2013 – Present)

Member of the infrastructure core team working toward the goal of delivering a network and system platform for the core business units to use. Worked day to day to automate the core operations stack for Salesforce Data Centers worldwide. This included DHCP, DNS, IPAM, NTP, Directory Services, External Proxy, and many others. In addition to my engineering role, I served in a leadership position as the team's scrum master.

Key Achievements:

- Wrote numerous Puppet modules for use in maintaining the core Salesforce infrastructure.
- Acted as SME for all public facing proxy services inside each data center and transitioned those services to the automation framework.
- Worked with many groups throughout the company to obtain and maintain important company compliance certifications.

Limelight Networks – Tempe, AZ

Systems Engineer (June 2008 – June 2013)

Member of the DevOps team within the overall CDN Architecture organization, working to design and develop systems for service automation and inventory management. Worked in an Agile development environment specializing in Object Oriented Perl, PHP, and occasionally Python. Acquired in depth knowledge about all systems used to perform content delivery and deploy systems, network gear, and other devices.

Key Achievements:

- Developed application to track all Limelight owned and managed inventory across nearly 100 POPs and data centers across the globe.
- Integrated inventory tracking system with popular open source monitoring system to provide monitoring service definitions.
- Architected system to automatically provision and reprovision bare metal and virtual systems from rack to production use. The system utilizes automated VLAN assignment, PXE imaging, config deployment, and monitoring.

Gabcast.tv (Out of Business) – Hollywood, CA (Remote Employee in AZ)

Senior Streaming Architect (March 2011 – June 2011)

Architect of complex multi-stream, multi-bitrate solution for a small startup company. The streaming platform deployed several Wowza Media Servers, as well as a live transcoding solution deployed using FFmpeg. Additionally was responsible for the administration of all application servers. This included several frontend caching servers running Varnish, backend TomCat servers, and a production PostgreSQL database.

Key Achievements:

- Successfully managed web infrastructure through a large traffic spike due to being featured on Mashable.com.
- Designed continuous integration software deployment system utilizing Jenkins and other tools.

Level 3 Communications (acquired Global Crossing) – Phoenix, AZ

Lead Network Services Engineer (March 2004 – June 2008)

Lead of the Data Network Operations Center (NOC). Performed in-depth troubleshooting of carrier WAN circuits including T1/E1, Frame Relay, up to 10 Gigabit Ethernet. Worked to isolate troubles on the core backbone as well as links to other carrier and enterprise customers. Worked with multiple vendors on circuits domestically as well as internationally. These included physical circuit issues, MPLS/VPLS issues, QoS problems, latency/packet loss, routing loops, VoIP call quality issues and route broadcasting troubles (BGP/OSPF). Assisted in design and turn up of new circuits. Often took on additional projects above and beyond my normal job functions.

Key Achievements:

- Managed the Network Operations Center during the Summer of 2007 while our manager was militarily deployed to Iraq.
- Worked directly with R&D teams to deploy new VoIP technologies and train members of the Network Operations Center.
- Designed and built a LAMP based work tracking system to provide trouble ticket reports and staff productivity reports.

EarthLink – Roseville, CA

Dedicated and Hosting Support Technician (November 1999 – March 2004)

Received incoming trouble reports for web hosting and dedicated circuit customers. Performed configuration of customer premise equipment (CPE), including firewall/ACL design and implementation of VPN links. Isolated network routing troubles and packet loss for dedicated customers. Diagnosed Apache, CGI and other hosting issues for customers. Ran proactive monitoring of customer WAN connections using Netcool. Was also responsible for design and maintenance of the department's Linux desktop systems.

Key Achievements:

- Administered the departments LAN workstations and servers consisting of a number of medium sized MySQL databases, several PHP web tools, and 50 workstations located in Roseville and San Jose, CA.
- Designed system to automate the deployment of Red Hat desktops utilizing kickstart.
- Selected as a member of the integration team when EarthLink purchased OneMain.com.

Educational Background

Folsom Lake College – Folsom, CA

Area of Study: Computer Information Systems (1999 – 2001)

Volunteer Experience

Founder and Organizer of East Valley DevOps of Arizona

(July 2013 – Present)

Member of Maricopa 2040 Vision Steering Committee

(November 2014 – Present)

Maricopa 2040 Vision Organizer for Core Infrastructure Project Team

(January 2015 – March 2015)