



MIKE WADE

Director of Professional Services

📍 Chattanooga, TN

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Skills

Software and Product Development

Infrastructure Architecture, Management and Deployment

Sales Engineering

Programming Languages

Ruby, Python, PHP, PERL, C, C++, Intel x86 and Motorola Assembly

Experience

Cloud / AWS, Azure, Heroku

OS / Linux, FreeBSD, Windows Server

DB / MS SQL, MySQL, Postgres, MongoDB, Redis

Dev / Git, Chef, Puppet, Terraform

VoIP / Asterisk, FreeSwitch, 3CX

Tools / Services

Akamai, Amazon Web Services, Basecamp, Campaign Monitor, Chef, CloudFlare, Digital Ocean, Exact Target, Heroku, Github, Leftronic, Linode, Litmus, Mailchimp, Mailgun, Mindnode, New Relic, Pingdom, Prolexic, Rackspace, Rollbar, Stripe, Sublime Text, Tarsnap, Trello, Twilio, and WPEngine

Hardware

Brocade, Cisco, Compellent, Dell, EMC, Extreme, and Juniper

Hobbies

Chocolate, Circuits, Cocktails, Coffee, Embedded Systems, Micro-controllers, Security, Reverse Engineering, and Wine

Notable Projects

Broadcast E-mail Platform (2004 - Present)

Developed a horizontally scalable infrastructure for sending broadcast emails at rates exceeding 1,000,000 messages per hour per server. The platform has been utilized for several US presidential and midterm elections.

Voice Surveying Platform (2006 - Present)

Developed a horizontally scalable VoIP infrastructure for conducting phone surveys with a customized VoIP handset firmware. Peak concurrent calls exceed 6,000 with more than 2,500,000 phone calls per day. Elaborate [dashboards](#), [analytics](#), and [visualizations](#) were utilized to continually improve performance and reach. The platform has been utilized for several US presidential and midterm elections.

Audio & Video Encoding Platform (2010 - 2015)

Developed a horizontally scalable audio and video encoding platform with configurable output "recipes" using an embedded Javascript API.

Jan 1995 - Jul 2001 Co-founder & Chief Technology Officer [Chattanooga Data Connection](#)

Established one of the first Internet Service Providers in the Southeastern United States. Responsibilities included: team management, server and network infrastructure deployment, software development, and security audits.

Jul 2001 - Jan 2002 Research & Development [st3](#)

Designed a software and hardware audio/video media streaming stack for a content delivery network (CDN). Performed technology due diligence for C-level executives.

Jan 2002 - Mar 2003 Co-founder & Chief Technology Officer [Blue Highway Labs](#)

Raised angel investment, applied for a US patent [US20030225873](#), designed and implemented a software and hardware platform for building content delivery networks (CDN).

Mar 2003 - Dec 2010 Chief Technology Officer [Airnet Group](#)

Manage the research and development team and implement a variety of managed services such as a hosted e-mail platform with anti-spam and anti-virus functionality, a broadcast e-mail platform, and an outbound VoIP network.

Nov 2009 - Jun 2011 Research & Development [Firma8 Labs](#)

Implement network and server infrastructure. Develop back-end services for a machine learning translation service. Assisted in development of US patent [US9565430](#).

Dec 2010 - Feb 2015 Chief Technology Officer [SociallyU](#)

Implement network and server infrastructure. Develop back-end services for an online learning platform and a communication platform including a real-time chat translation service and a scalable audio and video encoding platform.

Jan 2011 - Nov 2015 Research & Development [Airnet Group](#)

Manage and develop several projects including a multi-channel communications service (e-mail, voice, text, etc), a voice surveying application, and a hosted PBX service.

Nov 2015 - Senior Cloud Architect
Present [Airnet Group](#)

Awards

2009 AAPC Pollie Awards / Bronze / Best Volunteer Recruitment Program
2009 AAPC Pollie Awards / Bronze / Best Use of E-mail to Raise Money
2012 AAPC Pollie Awards / Honorable Mention / Live Calls Statewide
2012 AAPC Pollie Awards / Honorable Mention / Best Use of New Technology
2013 AAPC Pollie Awards / Gold & Silver / Best Use of New Technology / Republican
2013 AAPC Pollie Awards / Silver / Best Use of Mobile Technology / Republican
2013 AAPC Pollie Awards / Silver / Presidential Pollies / Republican
2013 AAPC Pollie Awards / Honorable Mention / Field Opposition Research

1994 - 1997 Computer Science: Scientific Applications
[University of Tennessee at Chattanooga](#)