

David A. Bryan

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Summary and Qualifications

Proven leader in bringing innovative new products to market that change how people communicate:

- Introduced the concept of highly scalable server-less SIP, or P2PSIP. Founded and led SIPeerior Technologies, the first company to bring a P2PSIP product to market.
- Co-founded and served as CTO at Jasomi Networks, assembling and leading the technical team behind one of the first SIP Session Border Controller (SBC) products.

Experienced technical leader and subject area expert:

- Track record of recruiting and leading technical teams using cutting edge software engineering tools and methodologies. Skilled technical and project manager, architect, and developer.
- SIP, VoIP, Peer-to-Peer, SBC, SIMPLE (IM/Presence), streaming, networking and controls areas.
- 10+ years experience with VoIP industry groups such as the IETF (co-chair, P2PSIP Working Group, active participant in P2P, VoIP and streaming groups) and the International Softswitch Consortium (former chair, Network Boundaries Working Group).
- Doctorate, Computer Science: dissertation topic Peer-to-Peer SIP. Extensive research background.
- Development in C++, C, Java, JavaScript, HTML, various scripting languages.
- Unix/Linux/MacOSX, Windows, various real-time platforms.

Exceptional communicator and entrepreneur:

- Dozens of talks at VON, VoiceCon, Internet Telephony Expo, SIP International and other conferences.
- Author of numerous industry trade articles.
- Outstanding presentation, networking, and interpersonal skills.
- Strong entrepreneurial and business background, with extensive experience in fundraising, management, and corporate operations.

Employment

Cogent Force, LLC, Williamsburg, VA

Internet Communications Strategist, 2009 to present

- Provide product definition, architecture, and strategy advice; detailed technical guidance, public speaking/standards services, and intellectual property services to larger clients.
- In addition to the above services, provide advice on fundraising, team-building, execution/operational concerns, product development and monetization strategy to emerging clients.

SIPeerior Technologies, Inc., Williamsburg VA

Founder, Chairman and CTO (later CEO), 2006 to 2009

- Founded and served as initial company CTO, later asked by board of directors to serve as CEO.
- Assembled and led a world-class team of veteran executives and brilliant technologists that created embedded server-less peer-to-peer SIP software for softswitch, clustered server, emergency and defense applications. Delivered innovative flash-based web communications system.
- Guided SIPeerior to land customers including tier-one service providers and major VoIP software vendors.
- Developed and implemented SIPeerior's business, product direction, and financial strategies.
- Led efforts to establish industry relationships and raise operational capital. Primary public face of SIPeerior.
- Provided high-level technical and architectural oversight for SIPeerior's product line, including top-level supervision of the software development process.

Independent Consultant, Williamsburg, VA

Technology and Executive Consultant, 2002 to 2005

- Worked with IP communications industry clients on technical and product strategy, deployment and operational planning, building and managing software teams, and intellectual property. Additionally, provided advice and assistance with the operational and management issues facing startups.

Jasomi Networks, Inc., San Jose, CA and Calgary, AB Canada

(Jasomi Networks was acquired by Ditech Communications (Nasdaq: DITC) in June, 2005)

Co-Founder and Chief Technology Officer, 2001 to 2002

- Responsible for the concept, initial design, launch, and locating the initial customer for the award-winning PeerPoint line of session border controller (SBC) products.
- Served as a member of the executive team, working on fund-raising, building the executive and core development teams, supervising product development, defining the technical vision and providing industry visibility.
- Responsible for technical interaction with outside organizations, including standards bodies, customers, and partners. Responsible for speaking engagements representing the company.

Cisco Systems, Inc./Vovida Networks, Inc., San Jose, CA

(Vovida Networks was acquired by Cisco Systems (Nasdaq: CSCO) in November, 2000)

Team Leader, 2000 to 2001

- Worked on development, performance, and optimization Vovida's SIP stack and network code.
- Managed the Provisioning team, responsible for development of a system for management of all configuration information for SIP softswitch product.
- Responsible for architectural and technical design leadership, and team management. Served as primary interface between the team and outside groups and customers.

Thomas Jefferson National Accelerator Facility (Department of Energy), Newport News, VA

Beam Applications Team Leader, 1998 to 2000

Staff Computer Scientist (Contract w/CSC Corporation), 1997 to 1998

- Led the Beam applications team. Responsible for project management, procurement decisions, team organization, analysis and development of real-time, high-availability software controls for beam steering, and beam optics.
- Previously worked for system team, responsible for development of archiving and network software for accelerator control.

Computer Sciences Corporation, Hampton, VA: Computer Scientist, 1997, NASA wind tunnel controls.

Atlantic Community College, Atlantic City, NJ: Instructor, 1995 to 2000, Instruction, curriculum development.

IBM Corporation, Federal Systems Division, Pomona, NJ: Programmer, 1993 to 1994, Problem management.

Education

College of William and Mary, Department of Computer Science, Williamsburg, VA

Ph.D., Computer Science, 2010, M.S., Computer Science, 2000, GPA: 3.9/4.0

- Dissertation: "An Interoperable and Secure Architecture for Internet-Scale Decentralized Personal Communications", focused on P2P communications systems, particularly using SIP. Exploring development of systems, security, authentication and intercept aspects, and routing.

The Richard Stockton College of New Jersey, Pomona, NJ

B.S., Computer Science, 1995, B.A., Physics, 1996, GPA; 3.9/4.0, 4.0/4.0 in Computer Science.

- Magna Cum Laude, Program Distinction in Computer Science.

Massachusetts Institute of Technology, Boston, MA : Summer 1997, Graduate course on Accelerator Physics

Cornell University Theory Center, Ithaca, NY: Summer 1994, REU program on parallel supercomputing.

Honors, Grants and Activities

- Client Selection Committee Member, James City County Business and Technology Incubator, 2010 to present.
- Board Member, College of William and Mary Technology and Business Center, 2007 to present.
- Chair, IETF P2PSIP Working group, 2006 to present.
- Marketing Board Member, SIPFoundry, 2003.
- Virginia Space Grant Consortium, 2004/5 and 2005/6 Grant Awardee.
- Chair, Network Boundary Working Group, International Softswitch Consortium, 2002.
- ΣΠΣ, Physics Honors Society.