Keith G. Chuvala

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Education

- Master of Information Technology (summa cum laude) 2003, American Intercontinental University, Chicago, IL
- Bachelor of Arts (magna cum laude) 1985, St. John's College, Winfield, Kansas. Double major, Biblical Languages (Greek & Hebrew) and Ecclesiastical Languages (Latin & German)

Skills

- Software development: over twenty-five years' experience; considerable expertise in Windows-based applications. Have also developed on or for Unix, Linux, IBM System 38, IBM AS/400, and more.
- Programming languages: C, C++, Delphi/Pascal, Java, VB/VBA, various scripting/batch languages.
- Databases: have developed for and/or administered SQL, dBASE, AS/400, Access, FoxPro, Paradox, etc.
- Network technologies: hardware, software, protocols, including development, administration, troubleshooting, monitoring. Comfortable spelunking wire-level protocols, routing tables, security logs, etc. Adept at use of protocol analyzers, TDR, and related tools.
- Experienced in server operations and administration (Windows, Linux/Unix).
- Experienced in web-oriented languages and technologies, e.g. HTML, CSS, XML, JavaScript, JSP, ASP, Tomcat, Apache, IIS, etc. Have run/administered work and personal web and FTP servers since 1994.
- Solid experience and success in software-related process development, implementation, improvement, measurement, optimization. I speak (and have developed processes under) CMM and CMMI.
- Capable of learning new languages and environments quickly.
- Solid track record managing people, budgets, schedules, etc. to create and maintain successful operations. Experience and deep understanding of software- and project-related measurements and metrics
- Possess excellent written and verbal communications skills, with a long history of success as a presenter, teacher, trainer, and "pitcher" of ideas.

Employment History

July 1999 - Present

United Space Alliance, Houston, Texas

- Manager of the Space Operations Computing (SpOC) department, working on-site at NASA Johnson Space Center. Served as developer and technical/team lead prior to promotion to management. The SpOC team employs multiple languages (C++, Java, Delphi, C#, VB) to create and maintain mostly Windows-based applications for on-orbit and ground support operations.
- Key contributor to the USA Virtual Software Organization, principal author of the On-Board Personal Computing Device (OBPCD) software development process (CMMI Level 3)
- Key contributor to the USA Flight Operations Common Software Process (CMM, later CMMI Level 3.)
- Software development accomplishments include:
  - Co-architect, designer, developer of Cargo PC and Payload Operations Ground System (POGS) System Software and associated tools
  - Designer and developer of numerous in-house and ground use tools
- Received numerous performance awards, including Employee of the Month awards in January 2002, April 2006, and May 2008
- Specialized training includes:
  - CMMI process development (versions 1.1 and 1.2)

- o Practical Software Measurement (PSM) techniques
- o Lean Six Sigma Green Belt tools and techniques. Applied these techniques to process improvements and metrics related to process capability and software process and product quality

February 1997 - July 1999
First Intermark Corp., Arkansas City, Kansas.

- Chief Information Officer, with oversight of all IT resources
  - o Plan and implement IT-related direction for the company, equipment and software upgrades, etc.
  - o Administer, integrate PC LAN and AS/400 minicomputer operations and development
  - o Design and develop applications and processes for automation of digital color-on-demand production, a key component to the company's success in a highly competitive market

1988-1997
Southwestern College, Winfield, Kansas

- Network Administrator/Computer Center Coordinator, overseeing campus-wide fiber/copper Ethernet, and managing campus Internet resources
- Instructor in computer science, teaching classes in programming languages (C, C++, Pascal, FORTRAN), as well as Introduction to LANs, Computer, Brain, & Society, Client/Server computing, Introduction to PCs, and Writing Across the Disciplines

1986-1997
KeyStrokes Computer Works, Winfield, Kansas

- Owner: Independent consultant and trainer, full-time 1986-1988, part-time 1988-1999
  - o Custom software development, LAN consulting. Clients included:
    - General Electric Aircraft Engine Maintenance Center (Strother Field facility)
    - Winfield Medical Arts, PA
    - Positive Marketing Impact, Inc.
    - Cover Rite Industrial Coatings, Inc.
    - Sears, Inc. (local franchisee)
  - o Provided specialized training in Unix operations and programming for Boeing Commercial Aircraft Group, Wichita, Kansas (via Butler County Community College)
  - o Provided training to corporate developers in object-oriented programming, n-tier database development, during week-long on-site workshops and seminars around the country (via Application Developers Training Corporation)

1985 to 1986
The Computer Patch, Arkansas City, Kansas

- Outside sales representative and consultant
- Promoted to store manager in 1986

1978-1988
KKJY, KRZY, KLYT (Albuquerque, New Mexico)
KRKY, KSOK, KWKS (Winfield, Kansas)

- Radio announcer, news and traffic reporter
- Commercial and PSA production
- Satellite programming
- Earned FCC 3rd Class license with Broadcast Endorsement

National Conference Experience
- Advisory Board member and speaker, Borland Conference 2003, San Jose, CA
- Speaker, Inprise Conference 1998, Denver, CO
- Speaker, Borland Conference 1997, Nashville, TN
- Speaker, Borland Developers Conference 1996, Anaheim, CA
- Advisory Board member and speaker, Borland Developers Conference 1995, San Diego, CA
- Speaker, Borland International Conference 1994, Orlando, FL

Publications
- Editor in Chief, Inside Visual dBASE (The Cobb Group)
- Technical Editor, contributing author, dBASE Advisor magazine (Advisor Publications)
- Contributing author to Inside dBASE for Windows (New Riders, ISBN 9781562052416)
- Contributing author to Killer dBASE for Windows (Que, ISBN 9781565299238)

Memberships and Honors
- Team Borland 1992-1999
- Technical Representative to the Kansas Research and Education Network (KANREN)
- Winfield Rotary Club, chair of award-winning International Service committee
- President, Echo Computer Users Group
- Pi Gamma Mu International Honor Society in Social Sciences
- Rotary International Group Study Exchange with Santiago, Chile, 1990
- Outstanding Young Man of America, 1988
- Who' s Who Among Students in American Colleges and Universities, 1984 & 1985
- Named to the National Dean's List, 1982-1985