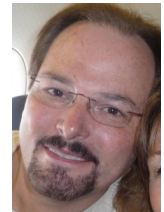


David J Chura

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Rancho Palos Verdes, CA 90275

email: dchura7734@aol.com phone: (310) 377-5363**Objective**

Create exceptional business value from technology.

Overview

Demonstrated ability to develop breakthrough technology, lead engineering staff and define products and services to fulfill business objectives. Have held management, technical and business leadership positions in public and private corporations, start-ups and large companies. Developed great customer relationships based upon solving real business problems with technology.

- ◆ 35 years engineering experience in software, hardware and systems. Large networked and parallel systems, web-based development, cyber and cryptography, digital imaging and video, large databases, embedded hardware
- ◆ Held CTO and VP positions at early-stage and small companies
- ◆ Held Director and Fellow positions at a large company
- ◆ Successful startup experience, including an IPO and an acquisition; successfully raised investment capital
- ◆ 23 years technical management experience, including organization with staff of 30. Budget authority to \$15M annually
- ◆ Have held Secret clearance for over 11 years
- ◆ 12 patents in databases, networking, imaging and compression; protect trade secrets in peer-to-peer technology
- ◆ 23 years development with networking protocols, web-based, cloud-based technology
- ◆ 7 years mobile App entrepreneur – 150,000+ app and in-app purchases through Apple, Google and Amazon

Education

University of Chicago Booth School of Business..... Executive Strategic Marketing and Executive Capture Strategy certifications

University of Southern California, Los Angeles M.S. Computer Engineering

University of Illinois, Urbana-Champaign B.S. Electrical Engineering

Experience

enclayve Group Los Angeles, CA (supplier of private social media products) 6/18 to present

Founder

Responsible for the development of a secure distributed system for private social networking. Created the concept for a hardware-based solution to privacy and refined it into a viable, affordable consumer product supported by a unique mobile App. Developed and integrated several technologies including embedded hardware, networking software and middleware, cryptography, distributed databases and mobile App development. Started a Kickstarter campaign to attract beta testers. www.enclayve.com

Chura & Associates Rancho Palos Verdes, CA (IT consulting) 6/17 to present

Founder

Responsible for a variety of consulting engagements in technology-oriented startups, particularly in mobile technology and defense. Served as a mentor to groups at the USC Innovation Center. www.churaonline.com

Northrop Grumman Mission Systems Carson, CA (supplier of military communication systems) 5/06 to 6/17

Northrop Grumman Fellow, Director of Strategy and Technology, Initiative Manager

Responsible for the advanced development of networked systems for military customers in the command-and-control, missile-defense, intelligence and cyber markets. Directly responsible for investment of over \$70M of R&D in many cross-functional projects over a 10-year period, resulting in significant business growth and continuing revenue sources. Created best practices for the selection and comparison of technology investments, fostering innovation and assessing the large number of technology ideas available. Retired from Northrop holding the highest technical position in the company (the NG Fellow, as selected by the Northrop sector president) while serving as Chief Engineer to a \$600M business unit (essentially the CTO role). Served in several strategic, M&A and planning roles across business units in Northrop, in most cases selected by VPs with out brief to the president. Championed the business case for three M&A opportunities (none were completed, though corporate due-diligence had started). Had direct interaction with many military customers of many ranks, to understand their operational challenges and articulate how our technology can address them; therefore influence their buying decisions. Received several awards for performance and technology excellence.

Tiltware, LLC. Santa Monica, CA (supplier of online poker technology and services, relocated to Dublin, Ireland) 2/06 to 5/06

Senior Director of Engineering

Reporting to the CTO, led development for all online business processes (i.e. cash, credit and fraud management) within this rapidly growing technology company that created and ran Full Tilt Poker (www.fulltiltpoker.com). Personal reasons prevented my re-location to Ireland.

Uprizer, Inc. Santa Monica, CA (supplier of parallel content delivery software, acquired by Vidyah, Inc.) 4/01 to 2/06

Chief Technology Officer, Vice President of Engineering

Built the technical operations of this early-stage startup formed to leverage secure peer-to-peer technology. Developed a value proposition and business objective for this technology, and evangelized it with potential customers in content delivery (corporate e-Learning, military training, videogame distribution, and entertainment). Spoke on peer-to-peer technology at universities (e.g. University of Texas, Austin), at conferences (e.g. Cal-IT in London) and successfully developed and released the first enterprise-centric content delivery product called the Edge Distribution Network™ (EDN). Worked closely with venture capital investors to continue funding of Uprizer, but was unsuccessful so all assets were sold to e-Learning company Vidyah. Over the subsequent few years, provided technical consulting to Vidyah and its successors. Wrote several white papers on peer-to-peer technology and enterprise content distribution:

- ◆ Where the Wire Ends – The Edge Distribution Network™
- ◆ Guarding the Edge - The Edge Distribution Network™ Security
- ◆ The Edge Distribution Network™ - Architecture and Algorithms

Peerless Systems Corporation. El Segundo, CA (supplier of digital imaging technology, IPO in 1996) 8/94 to 4/01

Director of Core Technology, Chief Architect

Provided leadership and management of a team of embedded software and ASIC hardware architects. Responsible for technology roadmap and definition of new products and technologies for the worldwide printer/copier market. In five years, shipped more than one million units in over 50 printer/copier products through OEMs including Canon, Ricoh, HP, Epson, Minolta, IBM (now Lexmark) and had a successful IPO during that period. Awarded several patents for technology that drove a list of 'firsts' in this market, primarily related to dramatic reduction in cost of digital printing and ability to scale, but also other features such as the first embedded web-server in a device, etc. Received several awards for technical excellence, including the Peerless World Class Leadership Award. (Note: Peerless Systems was acquired by Kyocera-Mita several years after I had left the company.)

Teradata Corporation El Segundo, CA (maker of large database machines, acquired by AT&T in 1991) 1/89 to 8/94

Network Software Architect, Group Manager

Responsible for the development of a high-speed switching fabric and parallelized database software for the world's largest databases, built from hundreds of distributed processor modules. Created the "data mining" marketplace exploited very successfully by customers such as Wal-Mart and AT&T. Built a team of software and hardware engineers that developed algorithms for massively parallel database queries, including network protocols and custom hardware acceleration. Awarded numerous patents for switching networks and parallel algorithms including as a co-inventor of the overall Teradata system with industry pioneer Phil Neches. Received many Key Employee awards, as well as the Teradata Outstanding Contribution Award, presented by the CEO. Was featured (with pictures!) as a key technologist in the AT&T annual report following the AT&T acquisition of Teradata.

Advanced Micro Devices Woodland Hills, CA (maker of chips including RISC processors) 6/88 to 1/89

Field Applications Engineer

Responsible to customers in system design issues using embedded RISC processors, specifically the newly introduced Am29000. Assisted companies in southern California deploying Am29000 designs used for real-time signal processing.

Symbolics, Inc. Westwood, CA (maker of LISP Workstations for AI applications) 6/86 to 6/88

Senior Member of the Technical Staff

Responsible for ASIC hardware design of the Symbolics next-generation workstation, based upon a RISC processor and optimized for the LISP programming language used in Artificial Intelligence, e.g. as in the American Express Knowledge-based Credit Authorization System. Performed R&D on multiple-processor architectures reflected in ASIC designs. Fun fact: symbolics.com was the first Internet domain name registered.

Hughes Aircraft, Radar System Group, Signal Processing Lab, El Segundo, CA 6/83 to 6/86

Design Engineer/Software Engineer

Dual role position as hardware Design Engineer and Software Engineer for the F-15 and F-14 Radar Signal Processor programs. Held a Secret Clearance.

Other Experience

Part-time work around signal, video and image processing:

iPhone/Android Application Development, Rancho Palos Verdes, CA 9/11 to present
Developed apps for guitar audio processing (iOS apps: Pro Band, Pro Lessons, Pro Bass, BackWords, and more)

netCinema Design Group, Redondo Beach, CA 9/03 to 5/06
Technical advisor to a consultancy group involved in development of digital video storage and transmission products; clients included ARRI and Samsung.

Advanced Bionics, Sylmar, CA 8/94 to 11/95
Developed communication software for TMS320C51-based Cochlear Implants, including worldwide Web-based access to patients.

Star Lasers, Northridge, CA 7/93 to 9/93
Developed algorithms for creating complex pictures for laser light shows using a custom M56001 signal processor board for the IBM-PC.

Video and Image Compression Corporation, Torrance, CA 3/91 to 3/92
Developed JPEG image compression/decompression module for PICT, TIFF and GIF images. Wrote driver for Discrete Cosine Transform accelerator NuBus board for Mac.

After Science, Venice, CA 1/89 to 3/89
Developed real-time voice decompression module for a Macintosh voice-mail system.

Realtime Research, Hermosa Beach, CA 7/87 to 7/88
Developed digital audio signal processor NuBus board for the Mac II using the TMS320C25 processor used to study musical instrument processing. Used in MS work at USC.

Professional Training

"Capture Strategy Executive Program"	University of Chicago, Graduate School of Business
"Executive Strategic Marketing"	University of Chicago, Graduate School of Business
"Software Product Lines"	Carnegie-Mellon University, Software Engineering Institute
"Leadership Skills"	Pepperdine University off-campus seminar
"Color Science"	Rochester Institute of Technology off-campus training
"Quality Software Development"	Taught by Tom Gilb, author of the book by the same name
"UNIX System V R4 Device Drivers"	AT&T
"Verilog Programming"	Gateway Corporation
"Power Base Selling"	Golden Corporation
"LISP Programming"	Symbolics Corporation Technical Education
"New Age Thinking"	Hughes Aircraft Managerial Seminar
"Airborne Radar"	Hughes Advanced Technical Education Program

References

Available upon request.