

KEITH J. TERUYA

EXECUTIVE SUMMARY

Creating and developing technologies that enhance and facilitate the online experience would best describe my areas of expertise. I consider myself a hands-on builder and a facilitator of vision, whether that vision is of my own imagination or that of a client who desires to transform an idea into a tangible and marketable asset.

I believe that creativity and innovation combined with a deep understanding of technology along with the need to address marketplace requirements and realities, rooted in over three decades of experience, has allowed me to develop and deliver market viable products time and again.

My experience spans from circuit boards to corporate boards, from operating systems to operating officer. I am an engineer of systems that range from small to global in size, and it is this diversity that allows me to provide guidance in all areas of the development process, from conception cycle to revenue cycle.

From the early days of microprocessor technology development in the late 1970's, through the dissipation of the dotcom bubble and the markets that have emerged from it today, I have continuously developed online products and diverse technological systems that have provided global accessibility and scalable functionality to millions of users, both public and private.

I am also a holder of an FCC Extra Class Amateur Radio License AA6TK, spending my recreational time experimenting with digital data packet delivery over different modes of radio transmission using terrestrial and low earth orbit satellite systems, studying global high frequency radio wave propagation, and building my own radio equipment.

KEITH J. TERUYA

EXPERIENCE

Digital Housing & Administration, LLC
Los Angeles, CA and Portland, OR

1999 - Present

Founder

- Specialized hosting provider
- Provide engineering, development, consulting, dedicated hosting and administration of online service clients
- Set the direction of infrastructure development, implementation and operations of a high availability and high capacity services in a SOC 02 certified data center
- Synchronize and balance infrastructure growth and capacity planning with a client's sales and marketing initiatives
- Coordinate and facilitate strategic relationships with network providers, hardware and software vendors for clients
- Peer review contact for DNS exchanges and cooperative cross-DNS relationships with other NOC operators
- Direct all 24/7 operations, architecture and design of Tier 1 Network Operations Center (NOC) facility located in Los Angeles, CA
- Customers are corporate, local municipalities, Federal Government programs and regulatory agencies some of which require fault tolerant mission critical operations

NxGen Software Incorporated
Boca Raton, FL

2013 - 2015

Chief Executive Officer

- Brought in to restructure operation and organization of a software startup with a highly sophisticated software product utilizing unique encryption technology
- Board level restructure, including the recruitment and retention of outside expertise to serve as board members
- Coordinate with Engineering and Development departments to promote understanding of software requirements
- Formulated structured engineering requirements driven by marketing requirements and initiatives
- Engineered and developed deployment requirements
- Strategic marketing, sales and deployment planning
- Engineered redundant multi-node fail-over data cluster for product deployment

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EXPERIENCE

Earth Renewal Group, LLC **Salt Lake City, UT**

2009 - Present

Sr. Technologist, Investor

- Development engineer and architect
- Developed a functional industrial processing system based upon a conceptual chemical process and chemical analysis
- Designed and engineered multiple laboratory prototypes
- Engineered an unattended pilot-scale industrial automation processing system. The system is a field-ready pilot plant capable of transforming 1200gal/day of a bio-mass waste stream into a EPA Class A or better environmentally clean marketable commodity
- Engineered a distributed Ethernet-based process automation system using Siemens Industrial Automation SIMATIC controllers, digital and analog I/O devices and PLC software controlling a high temperature, pressure chemical process that converts a continuous stream of material
- Developed additional HMI, SCADA, OPC and OPC UA systems for system operations and maintenance
- KEPServerEX development
- SIEMENS TIA integration and development

Noteworthy Developments, Inc. **Las Vegas, NV**

2001 - 2008

Managing Director, Founder

- Consultancy specializing in Information Technology Development and Healthcare Operations and Compliance
- Developed products or operational processes for corporate clients
- Chairman of Corporate Strategic Planning committee
- Director of day-to-day operations
- Coordinate project scheduling and personnel assignments
- Manager of in-house programming staff and outsourced programming staff including, but not limited to, client-provided resources
- Project Manager of all IT projects requiring software development and programming
- Principle consultant on architecture, process flow, program design and the integration of business logic analysis

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EXPERIENCE

Noteworthy Developments, Inc. *(continued)*

- Strategic consulting for application development that includes feasibility and market analysis, market and financial analysis, market viability and approach, and balancing development expense and revenue
- Assist clients in balancing development and deliverables, focusing on revenue effective development over ad hoc market imperatives
- Creating and developing software applications to facilitate operations in accordance with corporate and federal compliance standards

Showbiz Data, Inc.

2000 - 2003

Los Angeles, CA

Chief Technology Officer

- Provided management experience and strategic leadership for a technologically inexperienced Executive Management team
- Provided the necessary leadership and experience requested by venture capital partner Draper Fisher Jurvetson (DJF), which focuses their investments on disruptive technologies
- Provided status and strategy presentations for current and future venture capital firms and investors
- Directed all technical research, development engineering and operational infrastructure, including, but not limited to, all information technology
- Responsible for full-cycle product development and operation of primary and secondary Internet infrastructure and operations
- Responsible for the product development, engineering and operations of CannesMarket.com, a Paris-based affiliate of Showbiz Data, Inc.
- Implemented cluster server technology to reliably service 12-25M daily page views
- Managed the full cycle web site development, engineering, deployment and operations for Fox, NewLine Cinema and Warner Bros. International Television

Network Products Corporation

1985 - 2000

Pasadena, CA

Chief Executive Officer

- Founder and Chief Technology Architect

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EXPERIENCE

Network Products Corporation *(continued)*

- Network Products Corporation (“NPC”) was the original communications technology “skunk-works” for Novell Inc. Provo, UT. NPC built and marketed numerous products in conjunction with Novell. Inc.
- Authored the Network Communications Services Interface NCSI, (NASI from Novell and CISCO). This software interface became a de-facto communications software LAN/WAN standard with more than 3 million deployments of software
- Developed protocol adjustments in Novell IPX Protocol for adaptive packet buffering required by LAN/WAN communication (Asynchronous and LAPB X.25) gateways
- CompuServe, Lexis-Nexis, IBM, Westlaw, Reuters, State Farm, Safeco, Progressive Insurance and many other online services actively supported and utilize this software many years before the availability of internet services
- Industry Product of the Year awards for successive years (1988, 1990, 1991 and 1996).
- Network Computing Paradigm Award recipient
- Strategically launched the pcAnywhere product in conjunction with its original author
- Market leader in Local Area Network modem sharing technology with distribution centers in the US and 3 locations in Europe and Scandinavia
- Built product components and licensed technology through Original Equipment Manufacturing (OEM) agreements with companies such as Novell, IBM, Hayes Microcomputer, CISCO, Compaq-Microcom, Digi International, 3Com, US Robotics

Goldman Sachs and Company New York, NY *Senior Consultant*

1987 - 1997

- Architect, designer, development manager and developer in Network Workstation Technologies Department
- Architect of the product strategy and deployment of online delivery of consolidated market data information into local and wide area network-based workstations for mission critical securities trading operations in the worldwide trading rooms of the firm
- Assisted in the deployment of 9,000 data feeds utilizing NCSI products and technology
- Assisted Microsoft engineering in the deployment of Windows into mission critical financial environments. Deployed Microsoft Windows into online trading environments
- Provided development management of online WAN applications
- Planned and assisted in the deployment of WAN/LAN connectivity for a Global Network Private network from Milan- Hong Kong
- Assisted in the development of multi-region applications (i.e. Tokyo warrant instrument, traded in NY but executed on the London exchange)

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EXPERIENCE

Goldman Sachs and Company *(continued)*

- Developed proprietary adaptive buffering protocols to mitigate stream delays when terrestrial transatlantic data links were routed through backup satellite connections affecting the flow of steaming market data feeds used for program trading operations.
- Equities Division technology advisor for infrastructure design and operations, reporting to the Managing Director of the Equities Division
- Developer and architect for network management systems for global infrastructure management of 300 servers and 7000 workstations worldwide
- Holder of Back-Office Securities and Exchange Commission clearance

Keith Teruya & Associates **Pasadena, CA and Portland, OR** *Chief Executive Officer*

1978 - Present

- Engineering consultancy providing services to systems and software manufacturing companies and corporate customers
- Provides Merger & Acquisition consulting services for investment banking and venture funding firms
- Expert analysis and validation services for venture and legal firms
- Provides contract product development services to companies building computer telecommunications equipment and systems
- Provides management for hardware/software driver and interface engineering projects
- Core level server operating systems development and network operating systems development
- Major account deployment consulting on behalf of manufacturing clients
- Provides services for clients both domestically and internationally
- Clients include NASA/Jet Propulsion Laboratory, NASA Marshall Spaceflight Center, United States Air Force Space Systems, IBM Corporation, Televideo Systems, Microsoft Inc., Novell Inc., Compaq/Microcom, ISTC (Paris), Aetna, Bankers Trust, Dillon Reade, Donaldson, Lufkin & Jenrette, Merrill Lynch, American Express, First Boston/Credit Suisse, Citibank, Prudential Bache, Manufactures Hanover and Goldman, Sachs and Company

EDUCATION

Carnegie Mellon University **Pittsburgh, PA** Metallurgical Engineering & Materials Science.

1969 - 1972