JOHN F. SHAW

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SEASONED INFRASTRUCTURE AND SOFTWARE ENGINEERING LEADER

Former US Army Intelligence Officer, highly technical, hands-on senior IT leader with 20 years of successful team, technology, infrastructure and product experience. I believe technology should shape a business plan and that we should strive to continuously shape our world through the adoption of new or redesigned technology. Steve Jobs once said, "Those who are crazy enough to think they can change the world usually do." To that end, I empower my teams to think out of the box, to dispense with mediocracy and to build products and infrastructures that are secure, reliable, exciting and cutting-edge.

Executive leadership and management across the following disciplines:

- R&D and Full Development Lifecycle
- Cloud and Local Infrastructure
- Enterprise Systems Planning, Integration & Information Technology Operations
- Configuration & Change Management
- SaaS, PaaS and IaaS Infrastructure

- QA Processes and Methodologies
- Project Management
- ITIL and Business Process
- IT Budget Analysis and ROI
- Strategic Planning & Assessment

- Business Development
- Business Reengineering
- Regulatory and Compliance
- Management Consulting
- Team Development, Mentoring & Instruction

CAREER EXPERIENCE

JOHN F SHAW, LLC., Mechanicsburg, Pennsylvania, September 2016 – Present
SaaS, PaaS, IaaS Strategist and CTO Advisor
- I help companies leverage technology to gain competitive advantage through modernizing their technology landscape. I advise and provide industry best practices and insights around expanding brand awareness and increasing industry reputation through adoption of cloud, micro and on-demand services, updated processes and business continuity strategies from design to deployment and beyond.

WALTZ, INC., New York, New York, September 2015 – December 2017
Chief Technology Officer and Head of Strategic Partnerships
- Lead technologist for a SaaS/cloud-based next generation, IoT-friendly, mobile-based optical image conversation platform capable of collecting big data, delivering programmatic digital media, surveillance, facial recognition and performing financial transactions for the commercial and consumer transportation, advertising, real estate and retail industries.
- Oversaw hardware, software and infrastructure teams with expertise in computer vision, deep learning, cloud services and infrastructure (AWS), mobile application development, custom Linux OS builds and web application development.
- Oversaw all corporate strategic partnerships including key customers, vendors and third-party companies.
- Oversaw the company sales channel partner program (includes VARs and Distributors) while guiding the technical sales team, the technical sales support engineers and IT compliance auditors.
- Led the company strategic technical vision, advise the CEO on all technical matters, oversee all technology budgets, manage all technology related vendor negotiations and relationships with investors, partners and vendors.
- Technologies/methodologies used: Amazon AWS, open source, RabbitMQ, Node.js, C, Java, Angular.js, custom Linux, Docker, iOS & Android mobile apps, AMQP, computer vision, pattern algorithms, computer board design and layout, FPGA, ITIL, Agile, SIG Lite, SOC II Types i and ii.

VIDERI, INC., New York, New York, January 2012 – May 2016
Chief Technical Operations and Head of Software Engineering
- Responsible for the design, development, and infrastructure of the company's SaaS/cloud-based (AWS) PaaS digital media delivery infrastructure capable of ingesting, scheduling, delivering and integrating programmatic advertising, NFC, BLE, proximity devices, data collection and OTT content through proprietary IoT-friendly hardware running a re-engineered mobile Android OS and managed via an iOS-based mobile app or web UI.
- Responsible for the implementation and operation of all technology infrastructure deployed for internal use at Videri, which includes data center, network and server services, telephony, audio and video monitoring, user support/help desk, workstation management, storage and related software.
- Managed a highly specialized Agile engineering team based in Montreal and drove all software engineering functions including establishing methodologies, processes, and product roadmap with feature/function matrices.
- Directed a NYC-based infrastructure experts and oversaw all technical operations covering infrastructure management, capacity planning, eCommerce and ERP implementation, professional services and internal IT support.
- Technologies/methodologies included NetSuite, AD, DNS, LDAP, RADIUS, Exchange, MSSQL, Linux, HTML5, Ember, MongoDB, CouchDB, XMPP, Node.js, Java for web and Android, Ruby on Rails, Amazon AWS with CDN, open source, C++, iOS, DRM, DSP, DMP, ITIL and Agile.

TELIRIS, INC., New York, New York, August 2007 – January 2012
Vice President of Software Engineering
- Directed an Agile development organization of software engineers across 4 countries on design, development, testing and deployment of a suite of proprietary cloud-based SaaS digital video conferencing products (telepresence and desktop).
- Served as a key member of the management team that sets the company's strategic direction.
- Developed strategic planning for the direction and control of product development activities.
- Formulated long-term objectives and standards of performance for the department.
- Assured that department achieves objectives and project completion within budget and time frame.
- Studied current industry trends, ensuring that the company maintains and expands its technology leadership position.
- Chief motivator and mentor for the entire staff while providing tactical technical direction and guidance to the team.
- Ensured that product development is focused on meeting and exceeding the customer requirements.
- Managed all product development projects including staffing, costing, resource management, and release planning.
- Key technologies included Windows and Linux servers running C++, .NET, Java, Ruby on Rails, and PHP proprietary applications over IIS and Apache Tomcat web with Hibernate, MySQL and SQL Server databases, SIP, H.323, H.264, MPEG-4, Codian MCU and XMPP.

TRADEWARE GLOBAL, New York, New York, January 2006 – August 2007
Vice President of Global Operations
- Member of the senior management team with dual reporting to CEO and CTO while managing a large team of direct reports across 2 countries.
- Responsible for day-to-day operational activities of a massive Windows and Linux hybrid (cloud and data center) infrastructure spanning two continents in support of a FIX electronic trading network and order management system.
- Oversaw functional efforts to optimize existing processes, audited infrastructure scaling and solved complex technical issues in a compliant and timely manner.
- Responsible for assessing and analyzing information resulting in recommendations for long-term technical solutions, including new data center sites and facilities, that are aligned with the corporate strategy and evolving goals.
- Supported product launches by ensuring practical and cost-effective technical and analytical approaches.
- Coordinated with development, marketing, sales and customer support to establish and maintain positive relations with customers, partners and vendors; conducted internal process reviews, ROI studies, and budget analysis/reviews to ensure smart spending and fiscal responsibility.
- Technologies included: AD, DNS, LDAP, IIS, Exchange, Barracuda, Citrix, Linux, Unix, Java, Perl, Sybase, FIX.

INFOTEK RESOURCES, INC., Clifton, New Jersey, December 2002 – January 2006
President and Chief Consultant
- Led an IT consulting practice focused on software development and product lifecycle, architecture, infrastructure and QA best practices for two key clients.
- At Barclays Capital in New York City, I was responsible (hands on) for the architecture, infrastructure, production support, performance, monitoring and all technical issues for the Commercial and Residential Mortgage Backed Securities trading desks supporting North America and Asia. Massive 500+ multi-environment Windows server farm running C, C++, and Java proprietary applications with MSSQL backend; integrations with TIBCO RV, Polypaths, Webfits/Winfits (Aurora), Bloomberg, eMBS, Intex, MQ and AutoSYS.
- At the Federal Reserve Bank in East Rutherford, NJ, I planned, developed, and implemented cutting edge technical solutions (architecture, processes, methodologies) and tools, techniques, and performance metrics to measure, assess, and recommend continuous improvements to address business needs, opportunities, and growth; introduced application profiling within the SDLC. Technologies included C, C++, and Java running on a large 100+ Windows server-based infrastructure with MSSQL backend.

GAYLORD INFORMATION SYSTEMS, INC., Liverpool, New York, January 2002 – December 2002
Quality Assurance Manager
- Managed a 10-person software quality assurance team in support of delivering world-class library automation tools.

COMPUWARE CORPORATION, Farmington Hills, Michigan, January 2000 – January 2002
Software Engineering and Global Software Support Manager
- Managed a 15-person software development and support team; responsible for building Compuware's new website performance tool.

INSURANCE SERVICES OFFICE, Pearl River, New York, May 1998 – January 2000
Y2K Testing and Validation Director (Quality Assurance)
- Led a small team responsible for the design, coordination and execution of all testing associated with Y2K related mainframe code.

U.S. ARMY, Fort Huachuca, Arizona, September 1993 – May 1998
Captain, Company Commander, Signals Intelligence and Electronic Warfare Officer
- Responsible for management, training, qualifications, and support of a highly specialized 200-soldier military intelligence company in direct support of a brigade combat team.

EDUCATION

Bachelor of Science, Management (1993)
DOMINICAN COLLEGE – Orangeburg, New York