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2003–Present World Technology Consultants, Inc.

Founder and CEO

World Technology Consultants, Inc. provides world-class technology experts to clients seeking rapid and precise solutions to technology-related problems. The company maintains a vast database of world-class technology experts whose skills address issues that include research, development, manufacturing, as well as a wide range of technology-related business development activities. WorldTech has been recognized for its successful contributions to dozens of companies across multiple industries.

2001–2003 kSARIA Corporation

Vice President and Chief Technology Officer

As Vice President I was successful in the creation of a globally recognized market brand, the formation of key relationships with major accounts and partners, and the establishment and implementation of a strategic corporate direction. These successes came in the face of declining and volatile market conditions, posing significant challenges for optimizing all aspects of the company to successfully meet the changing market conditions.

As the CTO I was responsible for technical process development at kSARIA. In this capacity I led a team of scientists and engineers in the development of the innovative processes required to develop a number of processes/products that met the need for low-cost manufacturing, specifically being compatible with automation platforms.

1999- 2001 Lightchip Corporation

Vice President, Product Marketing

As a Vice President in a pre-revenue start-up company, I established a solid customer base in both CATV and telecom DWDM markets, driving Lightchip to an early revenue stage. Key responsibilities included: setting strategic and operational directions, developing extensive customer relationships, establishing market-focused product definitions, and establishing a strong corporate brand.

1980-1999 Bell Laboratories and Lucent Technologies

During my 20 year career at Bell Labs and Lucent Technologies I held a variety of positions ranging from individual technical contributor to management positions.

Group Manager, Video/Broadband Market Development

Responsible for global market/business development for Lucent's CATV product line including near-term and long-term product roadmap, marketing operations, strategic alliances, and technical product support for full line of Lucent's electro-optic components.

Manager, Video/Broadband Customer Applications Unit

Responsible for establishing a multi-year marketing and product strategy for video/broadband applications. Formulated and implemented an extensive market research program designed to secure, analyze, and reduce market information obtained through numerous standard and custom channels.

Technical Manager, Linear Laser Package Development - AT&T Bell Laboratories

Managed group responsible for the design, development, and transfer to manufacturing of analog laser packages and pre-distortion products.

Technical Manager, Passive Optical Components - AT&T Bell Laboratories

Managed several groups responsible for the design, development and transfer to manufacture of numerous passive optical components.

Distinguished Member of Technical Staff - AT&T Bell Laboratories

Received the honor of Distinguished Member of Technical Staff. R&D activities over these years focused on passive and active electro-optic components.

Member of Technical Staff - AT&T Bell Laboratories

Activities included the development of laser-fiber automated alignment system, optical isolators, fused-fiber couplers, LiNbO₃ modulators, optical circulators, WDMs, and fiber lenses.

1970 - 1980

Associate Professor of Physics, The Pennsylvania State University

Principal research activities included the study of intrinsic and defect-induced photoluminescence and photo-conductivity of insulating solids.

PUBLICATIONS Numerous technical publications, contributed papers, and invited papers.

PATENTS Seven (7) patents issued w/ other patents pending

EDUCATION Ph. D., Solid State Physics, Lehigh University
M. S., Physics, Lehigh University
B. S., Physics, The Pennsylvania State University