

Advanced Manufacturing Technology

Executive Leadership in Electrochemical Engineering

\$8.4M+
Revenue

\$500K
Max Contract

7+
Years

Global
Client Base

OVERVIEW

Chief Operating Officer for advanced electrochemical engineering firm specializing in MEMS/NEMS PCB technologies. Leading business development and commercialization for revolutionary Contact Electroplating Technology (CET) — a process that enables electroplating on non-conductive surfaces without direct electrical connection.

STRATEGIC CONTRIBUTIONS

- Authored comprehensive technology and market analysis for flexible electronics sector
- Co-authored technical papers for international symposiums and industry publications
- Managed patent submissions protecting proprietary intellectual property
- Authored technical textbook for graduate and PhD engineering programs
- Led targeted sales and marketing initiatives across multiple verticals
- Built and managed relationships with global clients including multinational corporations, government research entities, and prestigious universities

MARKET IMPACT

CET technology addresses multi-billion dollar opportunities in flexible electronics, wearables, medical devices, and next-generation semiconductors. Successfully positioned disruptive technology with clear commercialization pathway, bridging complex engineering concepts with practical business strategy.

Current role. Company details confidential. References available upon request.