

## Contact

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(Company)

## Top Skills

Software Development  
Product Management  
Product Development

# Tim Bowe

Full Spectrum | Product Development  
Greater Boston

## Experience

### Full Spectrum

4 years 5 months

#### Executive Chairman

May 2024 - Present (1 year)

Boston, Massachusetts, United States

Actively working with the management team, supporting sales and marketing activities and working with strategically important product development clients.

#### CEO and Member Board of Directors

December 2020 - May 2024 (3 years 6 months)

Full Spectrum partners with clients in the development of advanced med tech products. With more than 40 years of product development experience Full Spectrum has a strong set of technology consulting, systems and regulatory compliance services which provide our clients the most efficient and effective path to the market. Services include full-responsibility software, from embedded through cloud, and systems engineering as well as sophisticated distributed- and cloud-based testing capabilities for the Digital Health, Medical Device, Biopharma and Regulated Robotics industries.

### Health Care Originals, Inc

2 years 1 month

#### Member Board of Directors

September 2024 - Present (8 months)

Rochester, New York Metropolitan Area

Health Care Originals (HCO) provides market-leading digital health platforms across the entire continuum of respiratory care. HCO's Nightengale services positively impact people with asthma and COPD. HCO's highly differentiated proprietary wearable device, ADAMM, provide continuous data flow to telemedicine add-ons and 3rd-party services.

#### Strategic Advisor

April 2023 - September 2024 (1 year 6 months)

Rochester, New York Metropolitan Area

## Carbon Rivers, Inc.

### Member Board of Directors

January 2023 - Present (2 years 4 months)

Knoxville, Tennessee, United States

Applying advanced knowledge of materials science to develop a more sustainable world. Consulting services focused on developing processes to improve recycling/circularity of composite materials and utilizing Graphene to enhance material properties. Products include composite (fiberglass) recycling, functional graphene, graphene-based load-enhanced cements and enhanced marine paints.

## Evergreen Technology

### CEO

2017 - Present (8 years)

Greater Boston Area

Evergreen consists of consultants and active investors, with deep experience within Healthcare, Medical Device, Sustainable and Renewable Energy, complex Capital Equipment industries. Services include business and technology strategy with a focus on accelerating growth of companies with market-changing products leveraging powerful technologies, such as IoT, AI/ML and advanced analytics to provide a rapid return on investment on development dollars.

Portfolio includes nearly a dozen investments in early stage companies, supporting rapid growth and several successful exits.

## Safar Partners

2 years 2 months

### Sr. Operating Partner

January 2025 - Present (4 months)

Working with senior management teams of portfolio companies for Safar Partners, a \$1B+ venture and growth capital fund family concentrating on commercializing technologies in the CleanTech, Advanced Materials, MedTech, Life Sciences, Artificial Intelligence, and Robotics industries. Primary focus of deal flow is companies spun out of MIT and Harvard.

### Operating Partner

March 2023 - January 2025 (1 year 11 months)

## Emphysys

### COO and Member of Board of Directors

2018 - 2020 (2 years)

#### Greater Boston Area

Emphysys is a technology development company with the world-class skills in conceptualizing, prototyping and productizing complex products in the area of RF, plasma and motion control. Core expertise in the areas of Medical Devices, Biopharma, Material Science, Industrial and Semiconductor Equipment. Negotiated long-term contracts with key clients representing 75% of revenue, resulting in successful acquisition by Paramit.

#### Altran

Group Executive Vice President, Americas and Asia, Member Executive Committee, Board of Directors

2014 - 2017 (3 years)

#### Greater Boston Area

After Altran acquired Foliage, joined as a member of the global Executive Committee for the largest technical engineering services company in the world, the then-\$3B Altran Group, Responsibility for all operations outside of Europe, including North America, India and China. Participated in the development of 2020 Strategic Plan to rapidly expand software services and expand operations in India. Led M&A to accelerate growth in US. Focused on Healthcare/Medical Device, Capital Equipment, Automotive and Aerospace industries.

#### Vignani Technologies Pvt Ltd.

Member Board Of Directors

May 2011 - January 2014 (2 years 9 months)

#### Bengaluru Area, India

India-based provider of mechanical, electrical and software development services to the semiconductor, capital equipment and medical device industries. Integrated delivery with US front-end services to rapidly expand profit margins. After consistent rapid growth, led effort to position the company for sale, resulting in successful exit.

#### Foliage, Inc

CEO and Chairman of the Board of Directors

1991 - 2014 (23 years)

#### Greater Boston Area

Co-founder of Foliage, recognized leader in technology product development, with deep domain expertise for complex software and systems development in the Medical/Life Sciences, Semiconductor Equipment, Intelligent Manufacturing and Aerospace industries. Responsible for the development of

corporate strategy including M&A. Oversaw worldwide operations including more than 500 engineers across 3 offices in the US and 2 in India. Led effort resulting in successful exit through acquisition by Altran Group.

Focused on developing and expanding Foliage's internationally recognized technology and product consulting and development services to meet the evolving needs of the clients, ranging from Fortune 50 through well-funded start-ups. Worked directly with clients to help them generate technical and business strategies to accelerate products resulting in more business value. Also active as speaker and writer on issues related to business strategies, technology innovation, technical product development issues such as leveraging product line synergies to create market opportunities, and increasing R&D efficiency through focused alignment of technology and business strategies.

### Digital Delivery

#### Member Board Of Directors

1995 - 1999 (4 years)

Burlington, Massachusetts

Work with startup in the secure data encryption space. Participated in management strategy and oversight of technology and product development. Technology led to successful exit through acquisition by Datum Systems, a leader in satellite time synchronization.

### Technology Integration Group

#### VP Engineering

1989 - 1991 (2 years)

Oversaw all development of first-of-a-kind systems utilizing acoustical analysis across a variety of novel application spaces. responsible for the development of the first Health and Usage Monitoring system for rotary aircraft, which became the working model for the genre. TII developed products for helicopter rotor balancing, passive helicopter and submarine tracking as well as airport operations noise monitoring. Technology led to successful exit through acquisition by BF Goodrich Aerospace

### Eaton Semiconductor

#### Director of Automation

1989 - 1991 (2 years)

Responsible for the control system development of three Eaton (now Axcelis) next-generation semiconductor ion implanters. Developed a platform architecture that provided core support for all three products, dramatically

reducing the required team size and accelerating the products to market in half the previous timelines.

### Advanced NMR Systems

#### Director of Software R&D

1987 - 1989 (2 years)

Responsible for the development of the control hardware and software for the first-of-a-kind real-time MRI medical imaging product. Using the novel technical approach of PC-based control and image reconstruction, delivered prototype hardware within 12 months which increased the rate of imaging from 40 seconds to 40 milliseconds while simultaneously reducing the computer control hardware costs from \$500k to \$50k. Technology led to successful exit through acquisition by GE Medical.

### Advanced Ion Beam Technology

#### Software Development Manager

1982 - 1987 (5 years)

Responsible for the control system development of two first-of-a-kind ion beam semiconductor manufacturing products, Ion-beam Lithography and Ion-beam Mask Repair.

### Microbit, Division of Control Data

#### Software Engineer

1979 - 1982 (3 years)

Control software for Electron Beam Array lithography system for semiconductor manufacturing

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## Education

### University of New Hampshire

Physics

### Boston University

Computer Software Engineering

### Merrimack College

BSEE