

## Contact

[www.linkedin.com/in/ashgopi](http://www.linkedin.com/in/ashgopi)  
(LinkedIn)

## Top Skills

Artificial Intelligence (AI)  
Leadership  
Life Sciences

## Languages

English (Native or Bilingual)  
Hindi (Native or Bilingual)  
Malayalam (Full Professional)  
Kannada (Full Professional)  
Tamil (Full Professional)

## Honors-Awards

Robert Dirks Molecular Programming Prize  
Outstanding ECE Dissertation Award

## Publications

Photonic-Plasmonic Scattering Resonances in Deterministic Aperiodic Structures  
Quasi-periodic distribution of plasmon modes in two-dimensional Fibonacci arrays of metal nanoparticles  
Spatial and spectral detection of protein monolayers with deterministic aperiodic arrays of metal nanoparticles  
Engineering and mapping nanocavity emission via precision placement of DNA origami  
Electromagnetic coupling and plasmon localization in deterministic aperiodic arrays

## Patents

Deterministic aperiodic patterned dielectric and plasmonic materials for localized electromagnetic field enhancement

# Ashwin Gopinath

Co-founder and CTO, Biostate.ai | Prof. @ MIT  
Palo Alto, California, United States

## Experience

**Biostate AI**  
Co-founder and CTO  
June 2023 - Present (1 year 7 months)  
Palo Alto, California, United States

**Ashwin Gopinath**  
Angel Investor  
October 2022 - Present (2 years 3 months)

**Massachusetts Institute of Technology**  
Assistant Professor  
August 2019 - Present (5 years 5 months)

**iuno.bio**  
Co-Founder  
August 2021 - Present (3 years 5 months)  
San Francisco Bay Area

**SomaLogic**  
Senior Director  
August 2022 - March 2023 (8 months)

**Palamedrix (acquired by Somalogic (NASDAQ: SLGC))**  
Co-founder and CTO  
July 2020 - July 2022 (2 years 1 month)  
San Diego, California, United States

**Caltech**  
Visiting Faculty  
August 2017 - June 2022 (4 years 11 months)

**X, the moonshot factory**  
Research Scientist  
February 2017 - September 2019 (2 years 8 months)  
Mountain view

California Institute of Technology  
Senior Research Scientist  
June 2010 - February 2017 (6 years 9 months)  
Pasadena

Boston University  
Research Assistant  
September 2005 - April 2010 (4 years 8 months)  
Boston

National Centre for Biological Sciences  
Research Assistant  
January 2005 - July 2005 (7 months)

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## Education

Boston University  
Ph.D., Electrical and Computer Engineering · (2005 - 2010)

Visvesvaraya Technological University  
B.E, Electrical Engineering · (2001 - 2005)

Kendriya Vidyalaya  
· (1991 - 2001)