

## Contact

badrinarayanang@gmail.com

www.linkedin.com/in/  
badrinarayanang (LinkedIn)  
infisum.com (Company)  
sites.google.com/site/  
badrinarayanang/ (Blog)  
www.cintrafor.org/ (Company)

## Top Skills

Economic Modeling  
Econometrics  
International Economics

## Languages

English (Native or Bilingual)  
Tamil (Native or Bilingual)  
Hindi (Native or Bilingual)

## Honors-Awards

GTAP Research Fellow

## Publications

Trade Facilitation in the  
Commonwealth: An Economic  
Analysis  
Export Subsidy Reforms and  
Productivity Improvements: The  
Case of the Indian Textile and  
Clothing Sector  
Global Trade, Assistance, and  
Production: The GTAP 7 Data Base  
Evolution of the Commonwealth  
Trade Network: Hubs, Criticality, and  
Global Value Chains  
Fossil Fuel Producing Economies  
Have Greater Potential for Industrial  
Interfuel Substitution

# Badri Narayanan Gopalakrishnan, PhD

An Economist working with corporates, academia & governments,  
Faculty Member/Researcher, Entrepreneur, Keynote Speaker, Board  
Member & Consultant to many orgs across the world

Sammamish

## Summary

Applied economist with 18+ years experience and expertise  
in economic modeling/data science, in many areas such as  
international trade, energy, agriculture, industry & health, economic  
impact of new technologies like drones, robotics, 3d printing, nano  
technologies, cloud, IoT, Blockchain, etc.

Formerly, led the development of a complex economic database of  
over 140 countries in the world.

Visited 29 countries for work; collaborated and worked with clients/  
team members in many more countries.

Consultant with McKinsey, UN, World Bank, ADB, ICRIER, IIFT, etc.  
Senior Fellow with ECIPE.

Methodologies: CGE Modeling, Applied econometrics/time-series,  
applied industrial organization, network science

Teaching: International Trade, CGE modeling, environmental  
economics, econometrics.

Software used: GEMPACK, STATA, SAS, EViews, GAMS, R, Sed,  
Awk, Perl, etc.

Publications (See <https://sites.google.com/site/badrinarayanang/>)

Books: 5, Refereed articles/book chapters/reviews: 100+ (including  
A\*, A, B, C journals in ABDC list, and many leading interdisciplinary  
journals).

Popular media coverage of my research/OpEd: The Economist,  
NYT, WSJ, BBC, FT, ET, Nikkei, FE, Moneycontrol, Daily Guardian,  
etc.

Conference presentations, lectures, meetings and seminars in UK, Chile, China, Ethiopia, Finland, Germany, India, Italy, Japan, Senegal, Sweden, Switzerland, Thailand, Turkey, USA, UK, Australia, Spain, Belgium, etc.

Reviewer: Applied Economics, Energy Journal, Economic Systems Research, Economic Modelling, Journal of Economic Integration, Journal of Quantitative Economics, Journal of Economic Studies, International Economic Journal, Annual conferences on Global Economic Analysis, etc.

Awards/Fellowships/Honors:

GTAP Research Fellow, 2017 to 2020

Fellow, SANEM (<http://sanemnet.org/fellow/>)

Member, IATRC (<http://iatrcweb.org/>)

Biography Listed in Marquis Who's Who in the World, 2009 to 2014, Madison's Who's Who among Executives and Professionals, 2008-09, etc.

Fellowship with an invitation to participate in the 'Meeting with Nobel Laureates in Economics' at Lindau, Germany, in September 2004. Several other fellowships and grants for travel, teach and participate in courses.

Consultant with World Bank, FAO, UN, European Commission, Governments of India and USA, WHO, PWC, KPMG, several academic and research institutions all over the world, etc.

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## Experience

Infinite Sum Modelling Inc. (Infisum or ISM)

Co-Founding Partner and Director

March 2015 - Present (5 years 11 months)

Seattle, Washington, United States

We set up this firm focusing on economic and inter-disciplinary modeling for policy and strategy analysis. Details are at <http://www.infisum.com>

European Centre for International Political Economy (ECIPE)

Senior Fellow

October 2020 - Present (4 months)

Brussels Metropolitan Area

Collaboration on several policy research projects

### Centre for Social and Economic Progress

Non Residential Fellow

November 2020 - Present (3 months)

New Delhi, Delhi, India

### ICRIER

Consulting Economist

August 2018 - Present (2 years 6 months)

New Delhi, Delhi, India

Collaboration on policy research projects

### McKinsey & Company

Consulting Economist

August 2015 - Present (5 years 6 months)

Greater Seattle Area

Economic modeling for several client-facing projects on forecasting, business strategy analysis, policy analysis and research studies, at the level of top decision-makers in several sectors including governments (across the world), shipping/containers, chemicals, automotive, retail, pension funds, financial/investment management, banking, transportation, agribusiness, energy/oil/gas/solar/windmills, etc.

### University of Washington School of environmental sciences and forestry

Affiliate Faculty Member

December 2015 - Present (5 years 2 months)

Greater Seattle Area

Teach new courses, pursue Research collaborations and developing grant proposals in the areas of trade, energy, public health, environment and forestry

### Athena Infonomics

Advisor and Senior Associate

September 2020 - Present (5 months)

Washington DC-Baltimore Area

### The Digital Economist

Member, The Digital Economist Council

April 2020 - Present (10 months)

Seattle, Washington, United States

babcpnw (British American Business Council PNW)  
Member of the Board of Directors  
December 2019 - Present (1 year 2 months)  
Greater Seattle Area

EcoStart Corporation  
Advisor-Expert  
April 2020 - Present (10 months)  
Seattle, Washington, United States

Annie Stacks, Inc.  
Advisor - Commercialization  
May 2020 - Present (9 months)  
Seattle, Washington, United States

Datanetiix Solutions Inc.  
Advisor  
January 2019 - Present (2 years 1 month)  
Greater Los Angeles Area

Financial Industry Decentralization Initiative (FINDI)  
Consortium Member  
July 2018 - Present (2 years 7 months)

Make in LA  
Business Mentor  
June 2018 - Present (2 years 8 months)  
Greater Los Angeles Area

Mentoring several startups with Make in LA

Purdue University  
GTAP Research Fellow  
June 2017 - Present (3 years 8 months)  
West Lafayette IN

South Asian Network of Economic Modelling  
(Honorary) Fellow  
July 2013 - Present (7 years 7 months)  
Dhaka, Bangladesh

South Asian Network of Economic Modelling is a network in researchers and policy-makers interested in economic modeling. Website: <http://sanemnet.org/#>

## Transparent Path

Director

June 2019 - August 2020 (1 year 3 months)

Greater Seattle Area

Transparent Path is an IoT- and blockchain-powered food traceability platform designed to rebuild trust in the food supply. We reduce financial, reputational and health risks for food brands while reducing food waste, reducing food fraud, and improving sustainability. Our ProofScore transparency rating measures how much data food companies voluntarily share with their supply chain partners and with consumers.

## DigitalTown

Advisor

June 2018 - August 2020 (2 years 3 months)

Greater Seattle Area

## GIFTA Project

Advisory Board Member

December 2014 - August 2020 (5 years 9 months)

United Kingdom

Government and economic Integration through Free Trade Agreements (GIFTA) Project was funded by Economic and Social Research Council, United Kingdom.

[http://giftaproject.org/?page\\_id=9](http://giftaproject.org/?page_id=9)

## Vermouth, Inc

Advisor

February 2018 - December 2019 (1 year 11 months)

Greater Seattle Area

Advise based on quantitative economic/financial modeling to understand/validate business models in the area of blockchain-backed technologies for transactions.

## Young Professionals Chronic Diseases Network

Member Board of Directors

December 2014 - September 2016 (1 year 10 months)

Developing strategies for fund-raising and pursuing research on economic analysis of chronic diseases

## Center for Global Trade Analysis, Purdue University

Research Economist

May 2007 - September 2016 (9 years 5 months)

Manager and Lead for the Construction of a global CGE (Computable General Equilibrium) database involving numerous variables of production, consumption, macroeconomics, trade, protection, etc., used by thousands of researchers/policy-makers across the world.

A member of the GTAP (Global Trade Analysis Project) team that is involved in developing and upgrading a CGE model and database, facilitating research on Global Economic Policy Analysis.

Pursuing independent research on issues related to international trade with an emphasis on industry such as textiles and auto sectors in India, global agriculture, etc.

Teaching in the short courses on global trade analysis, which are meant for academicians, policy researchers and other researchers/modellers from various organisations including corporates

Management/co-ordination with data contributors worldwide, faculty/staff-members and policy researchers (in governmental and inter-governmental organizations)

Mentoring the graduate students in developing the database and model extensions

Indian Council for Research on International Economic Relations (ICRIER), New Delhi

Fellow

June 2006 - May 2007 (1 year)

This position involved the following:

Leading a team of researchers to pursue research projects commissioned by Government, Industry bodies and Private Sector.

Pursuing independent research in applied economics, particularly on industry (Textiles, handlooms, auto and steel), finance and Indian economy.

Analysing and commenting on various research/project reports submitted by researchers, Governmental organisations, etc.

IGIDR Mumbai

Research Scholar, Teaching and Research Asst

August 2002 - June 2006 (3 years 11 months)

Studying and Pursuing PhD Dissertation in Development Studies/ Applied Economics

Research Assistance in Econometric modelling

Teaching Assistance in Environmental Economics and Advanced Econometrics for Graduate/PhD students, including teaching a few classes to them

Co-ordination of various research projects done for the Planning Commission, Government of India and Maharashtra State in the areas of development and environment.

Pursuing independent research: presenting and publishing research papers. My research involved quantitative economic analysis and programming, especially using techniques in econometrics, statistics and data warehousing.

Organising conferences and workshops

Completed a rigorous two-year long coursework in Economics, registered for PhD and completed a dissertation on "Some Economic Issues in Indian Textile Sector" more than one year before the duration of dissertation fellowship (5 years).

DGM Textiles, Tirupur, India

Assistant Production Manager

April 2002 - August 2002 (5 months)

Production-in charge for a new unit of the company, which manufactures and exports knitted garments such as chemise, to various countries including USA, Canada, EU, UAE, etc., reporting to the Managing Director.

Work involved supervision of more than 200 employees and 10 supervisors and contractors, and also co-ordination with various suppliers and merchandisers.

It also involved regular upgradation of processes, based on principles of Operations Research and Quality Control.

PSG College of Technology

BTech Student

1998 - 2002 (4 years)

C-Certificate Holder from National Cadet Corps (NCC), attended three national NCC camps, organized several conferences at PSG College of Technology and one exhibition/workshop at Intec-CODISSIA by SIMA and SITRA on spares for textile machineries.

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## Education

### Purdue University

Certificate in Dynamic Global Economic Analysis, Dynamic GTAP Model · (2008 - 2008)

### Purdue University

Certificate in Global Economic Analysis, Short Course on CGE Analysis using GTAP model · (2005 - 2006)

### Indira Gandhi Institute of Development Research

PhD, Economics · (2002 - 2006)

### PSG College of Technology

BTech, Textile Technology · (1998 - 2002)

### PSG College of Technology

National Cadet Corps B and C Certificates, Military · (1998 - 2001)