# Medhavi Devraj medhavi11515@gmail.com, +91 9958959990

### **EDUCATION**

### B.A. (Hons.) Economics and Mathematics, Ashoka University

2022 - 2026

CGPA: 3.7/4 (January 2025)

Class XII, Delhi Public School, R.K. Puram (CBSE)

2022

91%
Class X, Delhi Public School, R.K. Puram (CBSE)

2020

94%

#### RESEARCH

#### The Impact of Subsidized Food Schemes on Women's Time Spent on Cooking

Under the quidance of Professor Ashwini Deshpande (Head of Department, Economics, Ashoka University)

- Analyzing the effects of subsidized food schemes on women's time spent cooking using large datasets like Time Use Survey (TUS) 2019 and National Family Health Survey (NFHS) 2019.
- Conducting analysis across treated and control districts.
- Applied three econometric models: two linear regression models and one propensity score matching model.
- Findings indicate reductions in cooking time for women in treated districts.
- Authored a working paper detailing the study.

#### Documenting Key Stylized Facts on the Productivity of Indian Firms

Under the guidance of Professor Anuradha Saha (Associate Professor of Economics, Ashoka University)

- Conducting a comprehensive literature review to identify key trends in the productivity of Indian firms.
- Analyzing firm-level data from ASI (Annual Survey of Industries) and Prowess datasets.
- Investigating the factors influencing firm productivity across various sectors in India.

#### Exploring the Impact of District-Level Crime Rates on Women's Mobility

Under the quidance of Professor Bharat Ramaswami, (Professor of Economics, Ashoka University)

- Investigating how district-level crime rates restrict women's outdoor mobility.
- Developed a theoretical model to analyze women's time allocation as a constrained optimization problem.
- Empirically testing four hypotheses related to crime, socio-economic factors, and urban-rural differences in outdoor time using Time Use Survey, NFHS and NCRB crime data.
- Preliminary findings suggest that crime negatively affects women's outdoor time, with significant variability across districts, highlighting the role of local factors in influencing mobility.

## **INTERNSHIPS**

United Nations Conference on Trade and Development (UNCTAD) — Intern

March 2025 - Now

IPE Global Limited — World Bank, USAID, UNFPA Health Projects Intern

June 2023 - August 2023

- Drafted 4 reports and proposals for a World Bank Project, SRESTHA, worth 350 million USD aimed at transforming health delivery systems in Gujarat.
- Curated a presentation that won the bid for a project of the NCR, Delhi, Planning Board.
- Selected by the senior management to independently research for and curate a bid proposal for a UNFPA project to be implemented in India.
- Created monthly reports for USAID on "MOMENTUM Safe Surgery in Family Planning and Obstetrics."
- Designed and drafted a 100-page vision document for the Government of Odisha.
- Constructed a Capability Statement for IPE Global to procure projects in Africa.

NITI Aayog — Intern - Science and Technology Vertical

December 2023 - February 2024

- Researched the shortcomings of Indian State Universities' R&D output.
- Co-authored NITI Aayog's report on the "Status of R&D in State-Owned Universities of India".

• Authored a paper, "Revitalising Indian State University R&D: Global Insights and Local Strategies for Economic Growth."

PwC India — Intern - Advisory Division

June 2024 - August 2024

- Coordinated logistical processes for a World Bank project aimed at improving regional connectivity and development.
- Prepared documentation and tracked deliverables to ensure project milestones were met on schedule.
- Gained exposure to international development consulting.

### POSITIONS HELD

#### Founder and President, Ashoka Law Society

• Established the Ashoka Law Society to integrate legal studies with other disciplines, addressing the absence of law courses at Ashoka University. Curated a dynamic team, launched the university's first law journal, organized regular talks and events, and created a repository for landmark legal cases.

## HONOURS AND AWARDS

## Gold Medal, Delhi Public School R.K. Puram (2021)

• Awarded gold medal for securing 7 consecutive years of academic excellence.

### Conrad Innovator, Conrad Challenge (2021)

• Placed in the top 7.8% of 1900 teams by submitting a noteworthy business plan for an original product. Created an improved design for water desalination plants.

### First Position, PERCEPTION Filmmaking Event (2021)

• Led a team of novice filmmakers in creating a short film, chosen as 1 of 3 winners from over 600 participants.

### VOLUNTEER EXPERIENCE

## Doctors For You (DFY) — Volunteer

September 2021 - October 2021

• Authored a national COVID response report, pitched ideas to superiors, compiled and presented data to potential donors, oversaw the graphic design team, and secured greater social media engagement for the organization.

## The Foundation for Innovative New Diagnostics (FIND) — Volunteer

May 2021 - July 2021

• Assisted in developing course material on COVID-19 genome sequencing and curated a newsletter for the organization. Led HIV awareness seminars and compiled data on potential financial donors.

### Tamana (Non-profit for Special Education) — Volunteer

September 2021 - November 2021

• Taught students science, origami, and art after completing a month-long training in special education techniques. Assisted teachers with technology implementation and created a short film with the students.

## HOBBIES AND INTERESTS

Painting, Travelling, 70s Music, Organic Chemistry