

# Ashwin Sreekumar

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## PROFESSIONAL PROFILE

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Public Policy graduate student specializing in local governance, informal economy, and science & technology policy research. Skilled in policy analysis, data analytics, and qualitative research methodologies.

## TECHNICAL SKILLS

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**Quantitative Analysis:** R, Julia, Excel

**Research Workflow:** Git (Version Control), LaTeX (Typesetting/Document Preparation)

**Communication:** Policy Report Writing, Academic Writing, Research Documentation

## PROFESSIONAL EXPERIENCE

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**Research Intern** | Veditum India Foundation | June 2025 - August 2025

- Prepared comprehensive Policy Review Report for Madhya Pradesh sand mining policy using quantitative and qualitative research
- Conducted archival research and data collection of official, legal, and media documents related to river sand mining

**Research Intern** | IndiaSpend | April 2025 - May 2025

- Conducted data analysis and literature review on socio-economic issues
- Supported journalists with data analysis, literature review, and research tasks

**Research Intern** | Praja Foundation | January 2024 - March 2024

- Executed fieldwork for governance-related RTI data collection
- Researched Urban Local Bodies budgeting processes and financial management
- Developed data visualizations for research findings and conference presentations

**Content Writer Volunteer** | Karwaan: The Heritage Exploration Initiative | October 2023 - May 2024

- Created academic research-based content integrating historical and artistic perspectives
- Developed South Asian history-oriented content tailored to diverse audience segments

## RESEARCH PROJECTS

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**To Enter or To Not Enter: Market Discrimination Against Marginalized Farmers** | *Independent Research* | 2025

- Analyzed NSS 77th Round (2019) to investigate caste-based barriers in agricultural markets for SC/ST farmers, using logistic and log-linear models with district fixed effects
- Quantified 10.1 percentage point reduction in access to private traders for SC farmers and identified price penalties for medium-landholding SC (-3.8%) and ST (-5.8%) farmers
- Implemented robust analysis in R, applying sampling weights and clustering standard errors

## **Social Capital and Employment Outcomes in Rural India** | *Independent Research* | 2025

- Modeled impact of social and cultural capital on employment outcomes across social groups using IHDS-II data, focusing on disparities for Muslim communities
- Executed logistic regression analysis with state fixed effects to isolate social capital effects on rural labor market participation

## **PRESENTATIONS AND AWARDS**

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**Conference Presentation** | 49th Annual All India Sociological Conference | BML Munjal University | 2024

- Presented paper: *Devalued Labor, Valued Property: Urban Land Politics and Working Class Aspirations*
- Examined intersection of housing policies and working-class political aspirations through fieldwork

**First Prize Winner** | Jigyasa Annual Physics Exhibition | St. Xavier's College, Mumbai | 2022

- Project: *Application of Ising Model in Voting Mechanisms* - Applied a mathematical model of ferromagnetism in statistical mechanics to study voting mechanisms

**Participant** | 1st Agent-based Modeling India Workshop | IIM Kozhikode | March 2025

- Intensive two-day workshop led by Dr. Robert Axtell (GMU) exploring agent-based modeling techniques for policy analysis

## **EDUCATION**

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**Master of Arts in Public Policy** | Christ University, Bangalore | 2024-2026

**Bachelor of Science in Physics** | St Xavier's College, Mumbai | 2020-2023

## **CERTIFICATIONS**

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**Google Data Analytics Specialization** | Coursera

**Statistics for Data Science and Business Analysis** | Udemy