

ARNAJA NATH

Kolkata, India | arnaja03@gmail.com | +91 8100070147

PROFESSIONAL PROFILE

MSc Economics graduate with strong training in econometrics, data analysis, and policy-oriented research. Experienced in Python, R, and Stata for analysing datasets and translating empirical findings into policy-relevant insights. Research interests include technology adoption, public systems, institutional outcomes, and the broader impact of digital transformation on economic and social development.

EDUCATION

MSc Economics — St. Xavier's College (Autonomous), Kolkata (June 2025)

CGPA: 8.00/10 | Grade: A+ | First Class | Fr. Lafont Scholarship for Academic Excellence (awarded twice)

Relevant Coursework: Macroeconomics, Microeconomics, Financial Economics, Econometrics, Public Finance, Development Economics, Environmental Economics, International Trade

BSc Economics — Amity University, Kolkata (June 2023)

CGPA: 9.52/10 | First Class with Distinction

Relevant Coursework: Microeconomics, Macroeconomics, Development Economics, Financial Economics, Environmental Economics, Health Economics, Labour Economics, Econometrics, International Trade, French, Operations

RESEARCH EXPERIENCE

Master's Dissertation: Exposure of Artificial Intelligence in the Education Sector

- Conducted empirical analysis on adoption patterns of AI-based tools using primary data.
- Applied econometric techniques to examine accessibility, institutional readiness, and learning outcomes.
- Interpreted findings with a focus on policy implications, governance challenges, and technology adoption.

Undergraduate Research Projects

- Analysis of State Budgets and Schemes (West Bengal, 2018–2021): Evaluated fiscal priorities and public expenditure trends using Excel.
- Health Sector Operations: West Bengal vs Vellore: Conducted comparative analysis of service delivery efficiency.
- Inclusion of Women through MGNREGA: Assessed programme effectiveness and inclusion outcomes using Stata.

PROFESSIONAL EXPERIENCE

Sales Analyst — Bengal Hyundai Pvt. Ltd.

- Conducted market and competitor analysis using Excel.
- Generated analytical insights to support customer targeting, sales planning, and business decision-making.

LEADERSHIP & GLOBAL EXPERIENCE

Finance Head (Core Committee) — St. Xavier's College (Autonomous)

- Managed budgeting and financial planning for a large student-led institutional event.
- Ensured transparent reporting and efficient allocation of resources under tight deadlines.

Selected Member — United People Global (Geneva)

- Engaging in global policy discussions and international collaboration.
- Contributing to research-driven dialogue on global issues and sustainable development challenges.

TECHNICAL SKILLS

Statistical & Programming Tools: Python, R, Stata, Advanced MS Excel, Advanced MS PowerPoint

Methods: Econometrics, Statistical Analysis, Data Cleaning, Policy Evaluation

Other: SQL, Data Visualisation, Research Methodology

ADDITIONAL INFORMATION

Languages: English, French, Hindi, Bengali

Interests: Classical dancer (17+ years, state and national awards), Certified swimmer, Classical music