



**Shivam Gangwani**  
M.S. Quantitative Economics  
Indian Statistical Institute, Delhi

Mob. +91 9818712511  
shivam25q@isid.ac.in  
shivam.gangwani2804@gmail.com

| Course                      | College/University           | Year    | CGPA/% |
|-----------------------------|------------------------------|---------|--------|
| M.S. Quantitative Economics | Indian Statistical Institute | 2025-27 | -      |
| B.A. (Honours) Economics    | Kirori Mal College           | 2018-21 | 8.9/10 |
| Intermediate/+2             | Army Public School           | 2018    | 96.6%  |
| High School                 | Army Public School           | 2016    | 9.8/10 |

#### WORK EXPERIENCE

- **Technology & Operations Lead | Super Enterprises** [Jun'23-Dec'24]  
*Blended engineering, analytics, and process design to drive operational efficiency, credit risk controls, and cash flow visibility.*
  - Digitized order and billing workflows by building a custom web platform integrated with a legacy ERP. Optimized and decentralized data entry, improving **processing time by 50%**.
  - Automated monthly collection targets and follow-up workflows. Improved payment recovery velocity, bringing down the average collection period from **90 days to 75 days**.
  - Created a low-overhead product **cataloguing system supporting 9000+ SKUs**; paired it with a gamified image-annotation system to crowdsource maintenance internally.
  - Modeled credit limits using historical sales & payments data, reducing credit risk while retaining core revenue.
  - Identified over **15%** of inventory as dead stock using ageing analytics, improving working capital efficiency.
- **Research Engineer | Trivedi Centre for Political Data, Ashoka University** [Feb'22-May'23]  
*Built scalable data ingestion pipelines for high-noise sources, ensuring research-grade reliability for political datasets*
  - Developed robust **ETL** pipelines in Python to extract Indian election data from semi-structured government sources.
  - Built a research-grade dataset on political ad campaigns using Meta's Marketing API; co-authored findings presented at University of Michigan's Social Media and Society 2022 conference.
  - Led a collaboration with the Digital Society Project to assemble a verified state-wise database of candidate Twitter accounts, combining automated collection with manual QA.
  - Designed data systems to enable analysis in fragmented domains such as judiciary, caste affiliations, and legislature.

#### PUBLICATIONS

- **Number Theory:** How Parties used Social Media in Gujarat Elections *December 12 2022 / Hindustan Times*
- **Punjab Election:** How Candidates and Parties used Social Media *March 22 2022 / Hindustan Times*

#### RELEVANT COURSES

- **Statistics | Mathematical Methods | Microeconomics | Game Theory** [ISI-D]
- **CS50x:** Introduction to Computer Science [MOOC]
- **Data Analytics for Business**, at Shaheed Sukhdev College of Business Studies [Jan'19- Apr'19]

#### SKILLS & INTERESTS

- **Programming Languages:** Python, JavaScript
- **Tools & Libraries:** Pandas, Django, AWS
- **Interests:** Data Analysis & Engineering, Web Development

#### POSITIONS OF RESPONSIBILITY

- **Community Teaching Assistant | Econschool** [Aug'24 - present]  
*Peer-led support role for aspirants of the ISI MSQE program.*
  - Provided academic support, resolving queries in microeconomics, statistics, and quantitative methods.
  - Invited to conduct a seminar titled "Desmos for Economics: Interactive Visualizations for Optimization Problems."
- **Web Developer | The Finance & Investment Cell (F&IC), Kirori Mal College** [Oct'19-Feb'20]
  - Built and deployed a LAN-hosted web app for a live stock market simulation
  - Enabled 40+ teams to connect and trade simultaneously over a WiFi network, with no internet dependency