

Vihaan Shetty

Bengaluru, Karnataka, India vihaanshetty8@gmail.com

EDUCATION

United World Academy, Bengaluru

Class of 2027

International Baccalaureate Diploma Programme — school's first IB cohort

Higher Level: Business Management, Economics, Mathematics: Analysis and Approaches

Standard Level: Computer Science, English Language and Literature, Spanish ab initio

RESEARCH

Assessment of Agricultural-Waste-Derived Biofertilizers for Sugarcane Productivity, Farm Profitability and Circular Bioeconomy Development in Karnataka, India

2025-2026

Lead author, independent research — manuscript under review, International Journal of Life Sciences

- Compared bio-organic, waste-derived cultivation against conventional practice across sugarcane plots in Karnataka.
- Found bio-organic plots yielded 4.55% less cane while cutting production costs from ₹18,500 to ₹9,500 per hectare, raising farmers' net income.
- Reassessed an initial reading of the data at a mentor's suggestion, recalculating outcomes on net income rather than yield alone.

AI and the Future of Employment: Assessing the Trade-off Between Labour Substitution, Productivity Gains and Inclusive Economic Growth

2026

Abstract published in conference proceedings — full paper in progress

- Presented orally at the International Gaziantep Scientific Research Congress.
- Currently co-authoring the abstract into a full paper with my economics teacher.

LEADERSHIP AND COMMUNITY

Project Setu – Co-Head, Computer Science Literacy

2025-present

- Co-lead a CS literacy programme reaching 500+ students across 10 rural government schools; mentor the incoming co-heads.
- Teach students who have often never switched on a laptop, taking them from opening Chrome for the first time to building full presentations on their own.
- Co-wrote a five-part curriculum and assessment rubric, now taught to 100+ students.
- Raised funds to donate laptops to a partner school so teaching could continue remotely.

Saphalya Trust, Udupi — Leadership Committee

Summers, 2023–present

- Helped conduct 30+ tree-plantation drives across villages near Udupi, organising and coordinating 100+ volunteers.
- Supported waste-segregation initiatives aligned with the Swachh Bharat Mission.
- Identified a lack of household toilets in Mandarthi village after speaking with residents and raised it with the Trust, which assessed the need and completed a toilet-construction project.
- Proposed a free community library and raised approximately ₹50,000 door to door across my neighbourhood and a nearby community of 800 villas, funding its shelving, tables and chairs; collected 750+ books.
- Raised ₹20,000 to donate an electric rickshaw to a local teacher.
- Ran an eco-friendly medicinal plant programme for 100+ students at a local school; the labelled saplings have since grown into mature trees.
- Took 50-60 students from SVST High School into paddy fields to plant seedlings by hand.

SOGO Synergy E-Waste Crusade – Workshop Organiser

2024

- Ran four weeks of door-to-door e-waste awareness workshops across 12-13 households, collecting 5+ kg of electronic waste.
- Placed second citywide.

Environmental Club — Co-Founder

2025-present

Resident-led club, 83-villa community

- Co-founded the club to promote environmental awareness, climate action and sustainable living across an 83-villa community through resident-led projects aligned with the UN Sustainable Development Goals. Lead a team of two.
- Launched CommonGround, its first project: a resident-run reuse exchange circulating books, planters and household goods. Grew participation from 22 to 30 households, 36% of the community, and facilitated 50+ item handovers.
- Extending CommonGround into a digital resource map, built on Google Forms and Sheets, to collect opt-in listings, coordinate exchanges and track confirmed handovers.
- Documenting an operating guide and training volunteers within my society, so the project keeps running and its impact lasts.

WORK EXPERIENCE

Augment Capital Services LLP — Investment Research Intern

2025

Worked with the firm's research team for 60-72 hours, analysing market information and evaluating investment opportunities.

MIRA Money – Intern

Jun-Aug 2026

Six-week internship (about 60 hours) at a wealth-tech platform for mutual funds and goal-based investing; benchmarked mutual funds on historical returns and volatility, building side-by-side comparisons in Google Sheets.

Clever Harvey Junior MBA — Participant

2024

Twelve-week business programme covering commercial decision-making.

HONORS

- **Global Youth Action Fund Award (\$3,000)** — awarded to Project Setu's computer science literacy programme, which I co-lead and which reaches 500+ students across 10 schools; I now mentor incoming co-heads from Grades 9 and 10 so the programme's impact lasts beyond my time (International, 2025).
- **Oral Presenter, International Gaziantep Scientific Research Congress** — selected to present research on AI, labour substitution and inclusive growth; abstract published in the congress proceedings (International, 2026).
- **Second Place, SOGO Synergy E-Waste Crusade** — for a four-week door-to-door e-waste awareness and collection drive in my neighbourhood (Citywide/Regional, 2024).
- **Cambridge ICE Award, Merit** — Cambridge International Certificate of Education group award for performance across 8 IGCSE subjects spanning all five Cambridge subject groups (International, 2024).

SKILLS AND INTERESTS

Research: Lead author, manuscript under peer review; cost and net-income analysis; synthesising published field-trial data; fund benchmarking (returns, volatility); conference presentation

Tools: Google Sheets, Google Forms **Languages:** English, Spanish

Interests: Environmental and resource economics, agricultural sustainability