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EDUCATION:

The British School, New Delhi, India

Class of 2026

- International Baccalaureate Diploma Program, Grade 12;
- Cambridge IGCSE Board Examinations, Grade 10

STANDARDIZED TESTS:

- SAT: Total - 1520; Math - 800; English - 720

ACADEMIC AWARDS AND HONORS:

- **School Academic Awards**
 - Subject prizes for strong academic performance in Economics, Physical Education, Business Studies, Physics (awarded to one student per grade)(2023)
 - Subject certificates: Mathematics, French (2023)
 - Subject prizes for strong academic performance in Physics, Business studies, Economics, Physical education (awarded to one student per grade)(2024)
 - Subject certificates: Additional maths (2024)
 - Subject prizes for strong academic performance in Economics SL, Spanish ab initio SL (awarded to one student per grade)(2025)
 - Subject certificates: Physics HL, English language and literature SL, Theory of knowledge (2025)
 - Recipient: Three Principal's Awards for scoring minimum 7 As/A*s in IGCSE and above 36/42 in IB (2022, 2024, 2025)
 - Recipient: Two Director's Award for receiving two consecutive Principal's Awards (2023, 2024)
 - Outstanding sports person award (given to one student grade) (2024)
 - Silver Prize, Gold Certificate, and Gold Prize: The British School Leadership Program for the leading social initiative: Barefoot Warriors (2023, 2024, 2025)
- **National and International**
 - Cambridge ICE certificate for achieving 9A* and 1A (2024)
 - British science association gold crest award for Investigating the Bioavailability of Vitamins Through Membrane Models (2025)
 - Gold in Siam International Maths and Science Olympics (2025)

LEADERSHIP:

The British School Student Council

2024 - 2025

School President

- Elected by 600+ peers to represent the student body and liaise with administration.
- Led initiatives on sustainability, food waste reduction, and peer mentorship.
- Organized major school events including NGO Sports Day and Sports Festival.

The British School Poseidon House

2022 - 2023

Vice-Captain

- Organized sports festivals, International Day, and fundraising fairs.
- Captained winning teams in football and multi-sport inter-house competitions.

The British School Engineering Club

2024 - 2025

Founder

- Founded club to explore robotics, environmental, and biomedical engineering.
- Designed and led student workshops across disciplines.

The British School Under-19 Football Team

2023 - 2026

Captain

- Led team to multiple top finishes: ISACI (2nd, 3rd place) and German School tournament (2nd).
- Undefeated 2022–23 season; played 200+ competitive games. (~15 hours/week during season)

REUSE INITIATIVE AND CAMPAIGN:

Barefoot Warriors, New Delhi, India

2023 - Present

Founder

- Founded initiative to refurbish and distribute 6,000+ shoes to under-resourced children and adults across 3 Indian cities, recycling 500+ pairs and diverting ~10,000 lbs of waste from landfills.
- Built partnerships with NGOs (Spread a Smile India, Earth Saviours Foundation, Chintan, OneStepGreener) and corporations (GMR, Max Hospitals) to expand collection and distribution networks.
- Raised \$9,800+ to establish a workshop employing 15 refugee women; organized school and community volunteers to sustain operations; Conducted awareness workshops for women waste pickers.
- Partnered with G.D. Goenka Public School to form a student volunteer team to continue the initiative's legacy.
- Featured in *News18*, *Dainik Bhaskar*, and *The Week Magazine*; reached 500,000+ people via social media.

WORK EXPERIENCES AND RESEARCH:

The Indian Institute of Technology Tirupati, India

May 2024 - August 2025

Research intern/ co-author

- Co-authored a manuscript on sustainable asphalt modification under Prof. Krishna Prapoorna.
- Applied LCA to assess crumb rubber and carbon black in bitumen, optimizing performance and sustainability.
- Conducted testing and modeling with PhD researchers on eco-efficient pavement materials.
- Published in the Curiox academic journal

Hari Shankar Singhania Elastomer & Tyre Research Institute, New Delhi, India

2025

Research intern

- Explored alternative applications for micronized rubber powder from end-of-life tires.
- Performed literature reviews, experiments, and consultations to advance circular economy practices in tire manufacturing.

Proec Energy LTD, New Delhi, India

Summer 2024

Research intern

- Researched eco-friendly drilling fluids and biodegradable additives from chemical by-products.
- Conducted lab experiments incorporating grape skins into specialty chemical formulations to reduce waste.

Government of India, New Delhi, India

2023 - 2024

Intern: Ministry of Environment, Forest and Climate Change

- Assisted in research on lithium-induced cardio-toxicity from e-waste in Delhi NCR soils.
- Collected data on pollution impacts, including links to human health and mood disorders.

PI Industries, Gurgaon, India

Summer 2025

Intern

- Contributed to a viticulture-focused project on sustainable agronomy and pest management.
- Conducted farmer field visits, data collection, and analysis of crop protection solutions for grapes.

Veg NonVeg, New Delhi, India

Summer 2023

Intern

- Researched and prepared a collaboration pitch between Veg NonVeg (sneakers) and Ethos (watches).
- Created slide deck and talking points; supported retail sales operations.

Fratelli, Morphogenesis, ERM, TyrePlex, MYSUN, New Delhi, India

Summer 2025

Observerships

Completed 5 observerships in sustainability, energy, and viticulture; conducted independent research identifying cross-industry trends.

INNOVATION, DESIGN AND ENTREPRENEURSHIP:

Fratelli Wines, New Delhi India — Sparkling Bottle Redesign

October 2024 - January 2025

- Redesigned the 750 ml sparkling bottle to comply with secondary-fermentation pressure requirements; optimized glass thickness/weight within mold/supplier limits.

Fratelli Wines — Winery Automation & Advanced Fermentation

February 2025 - August 2025

- Implemented PLC-based fermentation control, temperature profiles, dosing logic, alarms; authored SOPs and trained cellar staff.
- Coordinated commissioning between Italian engineers and local teams; translated and localized technical documentation.

SPORTS ACHIEVEMENTS :

- Gold medal in Delhi state Taekwondo (2022)
- Qualified to participate in the National tournament Taekwondo (2023)
- Black belt Degree 1 Taekwondo (2022)
- Silver medal in 18th national Taekwondo ITF championship (2022)
- School record in 400m sprint (2024)
- School record in long jump (2024)
- Runner's up in ISACI tournament as captain (2024)
- Third place in ISACI tournament as captain (2024)
- Qualified to participate in 20th National Taekwondo championship (2024)
- Won Players' player award (voted by the U19 football team) (2024,2025)

COMPETITIONS AND OLYMPIADS:

- Bronze in Hong Kong International Mathematical Olympiad (2023)
- Certificate of Excellence and Bronze award in the International Business Olympiad(2023)
- Silver certificate in UKMT intermediate mathematical challenge (2023)
- Certificate of participation and school rank 2 in SOF National Science Olympiad (2023)
- Certificate of participation in UKMT senior mathematical challenge (2022)
- Silver award in Philippine International Math and Science Olympics (PIMSO) (2022-23)
- Bronze in Future intelligence student olympiad (2025)

ADDITIONAL SKILLS / INTERESTS:

- Languages: English (fluent); Hindi (fluent); French (conversant); Spanish (basic)
- Interests: Collecting sneakers and vintage watches