

# AADITYA NAIR

Student · Technologist · Debater · Builder

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## EDUCATION

**Bombay International School (BIS)**, Mumbai, India *International Baccalaureate (IB) Diploma Programme*

- Consistently ranked among the top IB schools globally
  - Strong academic performance across STEM, humanities, and public speaking disciplines
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## LANGUAGES

English · Hindi · Marathi - Fluent in all three

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## PROJECTS

### Pathfinder - Smart Assistive Cane for the Visually Impaired

- Designed and built an intelligent assistive cane to improve independent navigation for visually impaired users
  - Integrated LiDAR-based obstacle detection\*\* and \*\*auditory feedback systems for real-time environmental awareness
  - Combined embedded systems, programming, CAD design\*\*, and \*\*human-centered engineering principles
  - Applied accessibility-focused problem-solving from concept through functional prototype
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## TECHNICAL SKILLS

Domain	Details
Programming	Python (Intermediate), C++ (Intermediate), HTML, JavaScript, CSS (Developing)
Cybersecurity	Linux environments, OSINT workflows, ethical hacking concepts, automation
Certification	CompTIA Security+ ( <i>currently studying</i> )
AI & ML	AI-assisted systems, machine learning applications, intelligent workflow design
Engineering	Embedded systems, CAD design, LiDAR

Domain	Details
	integration, rapid prototyping
General	Debugging complex systems, full-cycle project development (concept to deployment)

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## AWARDS & ACHIEVEMENTS

### Model United Nations & Debate

Event	Achievement
JBCNMUN 2026	Outstanding Delegate Award; selected for Night Crisis
SISMUN 2025	High Commendation
Harvard Debate Council × Speech Debate India Tournament	Qualified to the Octafinals
Indian National Debate Championship (INDC)	Selected among the top 20 debaters nationally (invitational); team won Best Team

### Robotics & Technology

Event	Achievement
World Robotics Olympiad - All India Nationals (Hyderabad)	Qualified nationally; placed 6th in India
BIS Interhouse Hackathon	1st Place
BIS Tech Fest	Best Project Award

### Sports & Competitions

Event	Achievement
World Cube Association (WCA)	Official competitor, WCA ID: 2025NAIR09; sub-30 second solves (3×3 Rubik's Cube); proficient in advanced solving methods & algorithm optimization
Chess (Chess.com)	Online rating ~ <b>1400</b> ; focus on positional play and tactical calculation
NSCI Table Tennis Tournament	Participant

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## EXTRACURRICULAR ACTIVITIES

### Debate & Public Speaking

- Active participant in national debate circuits including INDC and DOI (Debate of India)
- Regular participation in workshops, competitive debates, and public speaking programmes
- Emphasis on analytical reasoning, diplomacy, and persuasive communication

### Community & Social Impact

- **Welfare for Stray Dogs** - Volunteer
  - **Team Vision Foundation** - Published an interview with the organization's founders
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## INTERESTS & INTELLECTUAL PURSUITS

- **Cybersecurity & AI** - Independently exploring ethical hacking, automation, AI-assisted systems, and machine learning applications
  - **Global Geopolitics & International Relations** - Actively follows world affairs, policy discussions, and economic trends
  - **Financial Markets** - Interest in market behaviour, economic analysis, and long-term strategic thinking
  - **Technology & Innovation** - Driven by a constant desire to learn, experiment, and build; independently dives into new fields and converts curiosity into practical skills and projects
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*Combines technical curiosity with analytical thinking - whether studying cybersecurity, exploring AI systems, understanding market behaviour, or debating international issues.*