

**Mithil Vakde**  
**B.Tech, IIT Bombay**

**Engineering Physics (8.59/10)**  
**Graduation Year: 2023**

#### Academic Achievements

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**International Olympiads:** Invited to the Team India selection camp (Astronomy)  
Among the 73 undergraduates selected nationwide for the NIUS physics program  
**Top 25 all India @ INAO | KVPY Fellowship – All India Rank 326**

#### Professional Experience

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<u>Intern, Tata Industries</u> (new ventures arm of Tata Group)	Mar-Jun '23
Evaluated business models: AgriTech sector   Regularly presented industry research to the <b>C-suite</b> : Deeptech sectors	
<u>Cofounder, Soilo</u>	Feb-Aug '23
Secured <b>INR 50K</b> in funding   Developed a marker recognition algorithm for drones	
<u>Research intern, Université Paris-Saclay</u>	May-Jun '22
In person @ Paris, France   <b>Discovered a correlation</b> between viral DNA content & light absorption	

#### Leadership

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<u>Cabinet Head, Student Mentor Program</u> (Recommended by <b>Deans</b> to run a 330+ member team)	2022-23
Student rep @ IITB's Academic Rehab Committee   Led the post-COVID onboarding of <b>1.5K sophomores</b>	
<u>Coordinator, Aerial Robotics Team</u>	2019-21
Secured <b>INR 0.8M</b> in funding   <b>Reduced project costs</b> by 40%   Designed the recruit training program	
<u>Head choreographer, IIT Bombay Dance Team</u>	
<b>1 Gold, 3 Silvers</b> and <b>thrice finalists</b> (various years) @ IIITH, IITM, IIM-C, Inter-IITs, Mood Indigo	

#### Tech Activities

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<b>Runner up</b> , IBM Hackathon:	Built a Twitter-monitoring AI tool
ML Engineer, UMIC:	<b>Only freshman</b> to manage a subsystem (a role usually reserved for 3rd year students)
MELODE Labs, IITB:	<b>Novel Idea</b> : Simulated a brain disorder using neuromorphic computing principles

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