

Kris Ajudiya

ajudiya.ashvinbhai.22063@iitgoa.ac.in | +91 96647-72371 | Surat, India

Education

Indian Institute of Technology, Goa <i>Bachelor of Technology in Mechanical Engineering</i>	Oct 2022 – July 2026
Ashadeep Higher Secondary School <i>12th Gujarat Board</i>	Jun 2021 – March 2022
Ashadeep Higher Secondary School <i>10th Gujarat Board</i>	Jun 2019 – March 2020

Skills

Soft Skills: Leadership and Ownership, Strategic Thinking, Conflict Resolution, Public Speaking, Adaptability

Technical Skills: SolidWorks, Microsoft Office

Analysis Tools: Minitab, MATLAB

Certification

- Fundamentals of Motorsport Engineering, Prudent Motorsports
- Electric Vehicle Engineering, IIT Kharagpur

Entrepreneurship

Project Hyper Car	Started Sep,2024
<ul style="list-style-type: none">Founded and led a high-performance automotive startup, driving the development of Project Hyper car, an original concept vehicle engineered for speed, efficiency, and cutting-edge design.Defined and executed the technical vision for Project Hyper car, overseeing every phase from concept to prototype, with a focus on performance optimization, lightweight architecture, and advanced powertrain integration.Directed a multidisciplinary engineering team, uniting mechanical, electrical, and software talent through collaborative leadership, clear goals, and agile development practices.Forged strategic partnerships and built strong public engagement, securing interest from investors, industry collaborators, and early adopters through compelling storytelling and technical credibility.Acted as a key technical communicator and facilitator, breaking down complex systems into actionable plans, ensuring seamless coordination across design, engineering, and testing.	

Experience

Associate Engineer <i>Deepak Diesels Pvt. Ltd Tractor Assembler</i>	Jun 2024 – Jul 2024
<ul style="list-style-type: none">Coordinated with integration team in assembling and aligning mechanical components for smooth vehicle performance and functionality.Took initiative in identifying process Bottlenecks and suggested improvements, maximizing workflow agility by 10%.Managed inventory of components, optimizing stock level, ensuring timely availability, reducing shortage gaps.	
Engineering Intern	Jul 2023 – Jul 2023

Thermal Power Plant | Gujarat Industry Power Company Ltd

- Collaborated with plant engineers to understand real-time problem-solving in areas such as fuel handling, equipment performance, and boiler efficiency.
- Observed root cause analysis (RCA) techniques applied during turbine vibration issues and operational anomalies in the control room.
- Gained exposure to critical thinking and decision-making practices used to maintain plant safety, operational continuity, and environmental compliance.

Leadership & Extracurricular Activities

General Secretary, University Dorms, IIT Goa

Jul 2024 – Present

- Resolved recurring student issues about dorms maintenance delays by coordinating between administration and vendors, using negotiation and process optimization to reduce issue resolution time by 40%.
- Represented IIT Goa at the PAN IIT Summit 2024 (IIT Madras), identifying shared challenges in hostel governance and contributing actionable solutions, which led to the proposal and adoption of two new student welfare policies on campus.
- Initiated and led the installation of student-requested amenities (e.g., upgraded water dispensers, study room enhancements) by aligning with government protocols and building consensus in the hostel committee, showcasing strategic planning, bureaucratic navigation, and collaboration.

Mechanical Team Head, Motorsports Club, IIT Goa

Nov 2023 – Apr 2025

- Directed the mechanical team for IIT Goa's Formula Bharat project, overseeing end-to-end design and fabrication using SolidWorks and precision tools, resulting in a fully functional prototype for national competition.
- Conducted hands-on technical workshops on CAD design and basic manufacturing tools (grinders, drills), improving team proficiency and reducing design iteration errors by 30%.
- Streamlined mechanical subsystem development by introducing modular design reviews and cross-functional coordination, enhancing team efficiency and meeting key build deadlines under resource constraints.

Outdoor Sports Secretary, Sports Club, IIT Goa

Sep 2023 – Sep 2024

- Organized frequent outdoor sports tournaments, including the institute's first-ever All Goa Basketball Tournament, successfully increasing student participation and fostering inter-college sports collaboration.
- Managed and maintained sports facilities, optimizing resource allocation and scheduling to enhance accessibility and ensure smooth conduct of events throughout the year.

Core Member, Varaha Climate change Community, IIT Goa

Nov 2022 – Present

- Actively contributed to weekly brainstorming sessions to develop innovative solutions for climate change, facilitating project initiation with faculty guidance and driving member participation.
- Organized and took environmental initiatives such as beach clean-up drives and campus plantation activities in collaboration with NGOs, raising awareness and increasing community involvement.

Achievements

- Represented IIT Goa as General secretary of university dorms affairs at PAN (Presence Across Nation) IIT summit 2024.
- Certified MVP of Basketball player intra-College 2024
- Cleared JEE (Joint Entrance Exam) Advance 2022

