



# Aditya Joshi

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## ABOUT ME

Mechanical Engineering graduate with a solid foundation in design, analysis, and manufacturing processes. Proficient in software of SolidWorks, AutoCAD and experienced with hands-on projects involving it. Proven ability to apply engineering principles to solve complex problems and improve system efficiencies. Excellent teamwork and communication skills demonstrated through successful collaborative projects and extracurricular activities. Ready to contribute to develop technical expertise and innovative thinking and R&D.

## EDUCATION AND TRAINING

2021 - 2024 Pune, India

**BACHELOR'S DEGREE IN MECHANICAL ENGINEERING** Dr. D. Y. Patil Institute of Technology

**Website** <https://engg.dypvp.edu.in> **Field of study** Engineering and engineering trades not further defined |

**Final grade** 7.83 CGPA **Level in EQFEQF** level 6 **Type of credits** Percentage **Number of credits** 74.39%

2018 - 2021 Navi Mumbai, India

**DIPLOMA IN MECHANICAL ENGINEERING** Pillai HOC Polytechnic

**Website** <https://phcp.ac.in> **Field of study** Engineering and engineering trades not further defined **Final grade** 92.67 % |

**Level in EQFEQF** level 5 **Type of credits** Percentage **Number of credits** 92.67 %

2016 - 2018 Navi Mumbai, India

**12TH** Pace IIT's Nerul

**Website** <https://www.pacejuniorsciencecollege.com> **Field of study** Education science **Final grade** 67.12 % |

**Level in EQFEQF** level 4 **Type of credits** Percentage **Number of credits** 67.12 %

2016 Navi Mumbai, India

**10TH** Pillai Education Society's Mahatma School of Academics and Sports

**Website** <https://msas.ac.in/> **Field of study** Education **Final grade** 76.60 % **Level in EQFEQF** level 3 |

**Type of credits** Percentage **Number of credits** 76.60 %

## PROJECTS

2019

**Electromagnetic Brake Analysis**

Analyzed the working and design aspect of an electromagnetic braking system used in various automobiles and trains.

2019

**Hybrid Renewable Energy Generation and Storage system.**

Combined Solar And Wind Energy generation and energy storage system fabrication for daily essential usage like phone charge, etc, having low energy requirements.

2023

**Overhead Sewage Cleaning Mechanism**

Designing of an Automatic Sewage Cleaning machine operating over the sewages with the help of a 4 hand jaw with accuracy and flexibility.

2024

## **Design & Analysis Of Electromagnetic Braking System**

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Design and analysis of and electromagnetic braking system for light commercial vehicles using the previous braking systems as a reference and adding personal modifications for optimized braking

## ● **MANAGEMENT AND LEADERSHIP SKILLS**

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### **Vice President of Mechanical Engineering Students Association - MESA. (2022-2023)**

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The **Vice President** of the **Mechanical Engineering Student Association (MESA)** plays a key leadership role in supporting the President and overseeing the smooth functioning of the organization.

I was responsible for helping to manage internal and external operations, coordinating events, ensuring team collaboration, and representing the association in various capacities.

This role required strong leadership, organizational, and communication skills, along with a passion for fostering an engaging community for mechanical engineering students.

Strong leadership and organizational skills.

Excellent communication and interpersonal abilities.

Experience in event planning and management.

Ability to work collaboratively in a team-oriented environment.

Problem-solving and decision-making skills were developed.

### **Vice President of Institute Of Engineers INDIA (2023-2024)**

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The **Vice President (VP)** of the **Institute of Engineers INDIA** is a key leadership role responsible for supporting the President and overseeing the strategic planning and execution of initiatives that promote academic and professional development within the mechanical engineering community.

I served as a liaison between the student body, faculty, and industry professionals, ensuring that the association's goals align with the needs and interests of its members.

There were Qualification requirements for this position which were fulfilled by me.

Being enrolled as a senior engineering student or a recent graduate and prior leadership experience in student organizations or professional associations.

Strong communication, interpersonal, and organizational skills.

Ability to manage multiple tasks and work collaboratively in a team setting.

Demonstrated interest in engineering education, professional development, and community service.

### **President Of Mechanical Engineering Students Association - MESA. (2023-2024)**

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The **President** of the **Mechanical Engineering Students Association (MESA)** serves as the chief executive officer of the student body, leading all operations, initiatives, and representation of mechanical engineering students within the college.

I was responsible for ensuring the smooth functioning of the association, fostering community, and facilitating the academic, professional, and personal growth of its members.

To be enrolled in a Mechanical Engineering program with a strong academic standing was a prerequisite.

Ability to work collaboratively and lead a diverse team.

Strong time management skills and ability to balance academic and leadership responsibilities.

and the things i developed were, gain valuable leadership and management experience. Build connections with industry professionals, faculty, and alumni. Enhance organizational, communication, and team-building skills and contribute to the academic and professional development of fellow students.

### **Event Co-Ordinator for ZION Event. (January - April 2023)**

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I was responsible for planning, organizing, and overseeing the successful execution of a departmental event in a college festival. This role involved working closely with students, faculty, vendors, and the administration to ensure all aspects of the event run smoothly. I managed logistics, communications, budgets, and the overall event timeline, ensuring a positive experience for all participants.

I was entrusted to handle Event Planning, Logistics Management, Budget Management, Vendor Coordination, Team Coordination, Communication, Problem Solving, Compliance and Safety, Post-Event Tasks.

## ● **WORK EXPERIENCE**

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01/06/2024 - CURRENT Navi Mumbai, India

**MARKETING EXECUTIVE** CONTECH ENGINEERS

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Responsible for developing, implementing, and executing strategic marketing plans to promote the company's brand, products, or services. This role involves managing a team, overseeing marketing campaigns, and ensuring the company's message is communicated clearly to the target audience.

**Department** Marketing **Email** [sales@contechengineers.com](mailto:sales@contechengineers.com)

## LANGUAGE SKILLS

Mother tongue(s): **MARATHI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>HINDI</b>	C2	C2	C2	C2	C1
<b>GUJARATI</b>	B2	A2	B1	B2	A1
<b>GERMAN</b>	A1	A1	A1	A1	A1
<b>ENGLISH</b>	A2	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Google Suite (Doc, Slides, Form, Sheet, Drive) | Google meet, Microsoft powerpoint | Google Drive | Proficiency in Canva application | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | knowledge of presentation platforms (PowerPoint, Prezi, Canva) | SolidWorks, AutoCAD | Basic knowledge in Design and photo/video editing. | Team-work oriented | Ability to work as a team and autonomously | Research and analytical skills | Good Communication and Writing Skills | Able to adapt to new situations and system. | Organizational and planning skills | Adobe Photoshop (basic elements) | Video editing software: Wondershare Filmora

## ORGANISATIONAL SKILLS

**Time Management**

**Multitasking**

**Attention to Detail**

**Planning and Scheduling**

**Problem-Solving**

**Resource Management**

**Meeting Deadlines**

**Strategic Thinking**

**Workflow Optimization**

## ● **HOBBIES AND INTERESTS**

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**Driving and travelling, having Road trips**

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**Reading Fiction and Some Non fiction books.**

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**Swimming**

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**Playing Games**

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**Playing and Watching Football.**

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## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

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**Active Listening**

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i can Understand and respond to others by paying close attention during conversations.

**Confidence**

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Speak with assurance while being respectful of others' opinions and input.

**Clear Verbal Communication**

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i can convey ideas effectively in spoken words, ensuring messages are understood.

**Written Communication**

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i can craft clear, concise, and well-structured written messages such as emails, reports, etc.

**Emotional Intelligence**

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I can recognizing and manage my own emotions and understand others' feelings to build better relationships.

**Negotiation**

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Find mutually beneficial solutions through open dialogue and compromise.

**Collaborations**

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Work effectively with others, respecting different viewpoints, and contributing to team success.

**Cultural Sensitivity**

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Communicate effectively across different cultures and respecting diverse backgrounds.