

# Sakshi Deshmukh

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## Education

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Nirmal International School, Maharashtra [till class 10th]

R.O.Patil Science, Arts, Commerce Junior College, Maharashtra [11th and 12th]

Currently pursuing Btech in Computer Science at MIT Academy of Engineering, Pune, Maharashtra

## Scholastic Achievements

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- JEE MAINS[2023]: 94.2 percentile
- MHT-CET[2023]: 96.65 percentile
- 9.45/10 CGPA [MIT AOE CSE]
- IMO Gold Medalist [2018]
- A consistent School topper in all classes with class 10th board percentage being 95.4

## Technical Skills

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- **Programming Languages:** C, C++, Python
- **Software Tools:** Git and Github Version Control, HTML, CSS, Javascript, Tableau, React, Flutter

## Projects

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- **Portfolio**
- **TRIRANG - Sustainable Development Website** [🔗](#)
  - Developed a platform to address textile waste by promoting rewear, recycle, and reuse initiatives.
  - Focused on sustainability goals, user-centric design, and impactful environmental solutions.
- **BHARAT PHILATELY - National Philatelic Community Platform** [🔗](#)
  - Designed a centralized platform for philatelists across India to access, trade, and showcase rare stamps.
  - Integrated features like a National Philatelic Deposit Account, real-time updates, auctions, and community forums.

## Internships

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### Design Thinking Internship, Website Developer

- This was a summer internship where I used design thinking principles to tackle the issue of textile waste and its environmental impact.
- Conducted user research to empathize with stakeholders and identify barriers to adopting sustainable practices.
- Developed a solution in the form of a **Sustainable Hub Platform** named *TRIRANG*, which facilitates the rewear, recycle, and reuse of garments.
- The platform connects users with resources and communities, enabling them to donate, repair, and recycle textiles effectively.
- Focused on promoting a circular economy and reducing landfill waste through features such as a garment donation system, repair workshops, and a marketplace for second-hand textiles.
- Collaborated with a multidisciplinary team and mentors to design and prototype the platform, ensuring it addresses user needs while being scalable and impactful.

### **Cisco Networking Academy**, Network Security Intern

- Conducted network topology analysis using Cisco Packet Tracer to identify vulnerabilities and recommend security improvements.
- Designed a secure hybrid working model with VPN integration and multi-factor authentication for enhanced data protection.
- Implemented web content filtering using Cisco Umbrella to restrict access to non-educational websites. Gained practical experience in network security, vulnerability assessment, and cybersecurity best practices.

## **Certifications**

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- Cisco Packet Tracer
- Generative AI
- LINUX Fundamentals

## **Positions of Responsibility**

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- **Head Girl, Nirmal International School (2019-2020)**
  - Organized impactful events like the annual charity drive and school-community outreach programs.
  - Bridged the gap between students and administration, providing guidance and mentorship.
  - Drove initiatives that promoted unity, excellence, and personal growth among the student body.
- **Technical Member, CodeChef Club**
  - Contributed significantly to the club's coding projects and initiatives.
  - Showcased technical prowess through participation in coding contests and hackathons.
  - Passionately led coding workshops and events, including inventing an engaging game for the tech fest in 2024.
- **Technical Member, The Knowledge Network Club, MITAOE**
  - Excelled as a frontend developer, collaborating with the team to build the club's website.
  - Demonstrated proficiency in front-end development and effective teamwork.

## **Extracurricular Activities**

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- Interested in Badminton
- Swimming: Passionate about swimming as a means of fitness and relaxation.
- Reading: Enthusiastic reader with a keen interest in fiction, self-development, and technology-related literature.