Sakshi Deshmukh

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Education

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

- 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

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

Internships

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.

Projects

- Designing my own website
- TRIRANG [Sustainable Development Website]
- BHARAT PHILATELY

Certifications

- Cisco Packet Tracer
- Generative AI
- LINUX Fundamentals

Positions of Responsibility

- **Head Girl, Nirmal Internationsl 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 games for the tech fest in 2024.

- T**echnical 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

- 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.