

ACADEMIC DETAILS

Degree	Specialization	Institute	Year	CPI/%
B.Tech.	Computer Science	IIT Gandhinagar	2024-2027	8.41
Class XII	Physics, Chemistry, Maths	Regional Convent School (M.P. Board)	2021-2023	91

INTERNSHIPS

- **Invention Factory India 2024**

[June'24-July'24]

(Maker Bhavan Foundation) | [Project Link](#)

- Developed a sit stand assist device for helping the patient and elderly in transitioning from sitting to standing.
  - Filed the Indian and US provisional patent application along with my teammate prabhat from IIT Hyderabad
  - Enhanced my critical thinking, patent knowledge, pitching, designing and communication skills.

PROJECTS

- **OWASP Nest**

[Dec'24-March'25]

(open source project) | [Project Link](#)

- Contributed over 15 PRs to OWASP Nest for GSOC'2025. Collaborated systematically on real-world projects serving thousands of users, working primarily with Python, React, and Algolia.
- **Serverless App**

[Aug'24-Nov'24]

(Advisor - Sameer G. kulkarni) | [Project Link](#)

- Objective is to migrate the currently the SRIP, Summer Research Internship Portal from wordpress to serverless through the technology kubernetes, knative, flask, mysql.
- **Timetable generator for students**

[July'24-Aug'24]

(hobby project) | [Project Link](#)

- Utilized technical tools like Flask, Pillow for image generation, Pandas for data manipulation, and HTML, CSS, and JS for front-end development to design a user-friendly solution, saving 2 hours of time of more than 100 students.

TECHNICAL SKILLS

- **Cybersecurity:** Experienced in penetration testing, networking and linux with expertise in tools like Nmap, Metasploit, Burp Suite, Aircrack-ng, Wireshark and John the ripper.
- **Web Development:** Familiar with the technology like html, css, js, astro, flask, php, mysql. I have contribute to multiple websites like portfolio, Issue Tracker, Timetable, Blithchron, IR&P council, EII IIT Gandhinagar.
- **Kubernetes:** Kubernetes helps to build cloud-native microservices-based apps. I am mastering this skill by working on project to migrate SRIP portal to serverless. I am also learning knative, docker, networking.

POSITIONS OF RESPONSIBILITY

- **CTF Stackholder, HackRush**

[Aug'24 - May'25]

- Designing the challenges for next CTF of HackRush (Hackathon of IITGN), focusing real-life cybersecurity scenario.
- **System Club**

[Sep'24 - May'25]

- Led and managed multiple club projects focused on system development, ensuring timely completion and quality.
  - Engaged with global system-related trends and innovations, bringing insights to club activities and discussions.
- **Webmaster, IR&P council**

[July'24 - May'25]

- Maintained and updated the Industrial Projects and Research council website using HTML, CSS, and JavaScript, enhancing user experience and information accessibility.
  - Organized council events like Build-a-thon, IndustReal, etc. aiming to foster student engagement and well-being.
- **Tech Team, Blithchron**

[Jan'24-May'25]

- Developed and launched the Blithchron cultural fest website, handling front-end design and backend integration to support thousands of visitors.
- **Tech Head, EII council**

[Sep'24-May'25]

- Managed the website and led the tech team for the Entrepreneurship Initiative, working on the website for Gujarat's largest upcoming E-summit.
  - Coordinated and mentored a team of tech enthusiasts, providing guidance on project management and technical problem-solving.

ACHIEVEMENTS

- JEE Rank - AIR 4029.
- Bypass login of admin page for BAS (Biometric attendance system ) portal and reported to the administration.
- Found the vulnerability to Remote access all the Computer lab systems and reported to the administration and help in increasing the security of IIT Gandinagar.
- Participated in CTF being 1 of 4 winners (captured all flags) among whole IIT Gandinagar community.