

ACADEMIC DETAILS

Degree	Specialization	Institute	Year	CPI/%
B.Tech.	Computer Science	IIT Gandhinagar	2024-2027	8.29
Class XII	Physics, Chemistry, Maths	Regional Convent School	2021-2023	91

INTERNSHIPS

- **Software Intern (Full-Stack)**

[May'25-July'25]

(Ripplika) | [Platform Link](#)

- Managed complete deployment lifecycle, including CI/CD pipelines, Docker and Google Cloud infrastructure.
 - Developed features related Chrome DevTools Protocol, Video Processing and various frontend components.
- **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 25 pull requests to OWASP Nest, collaborating on real-world projects under mentorship of Ark. Worked on Python (Pytest), backend issue resolution, Slack Bot, frontend development and testing, and CI workflows.
- **Serverless App**

[Aug'24-Nov'24]

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

- Migrated IITGN's SRIP (Summer Research Internship Portal) from WordPress to a custom Flask and MySQL stack. Re-architected the platform using serverless deployment with Knative over Kubernetes and Istio Ingress.
- **Timetable generator for students**

[July'24-Aug'24]

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

- Built a user-friendly solution to easily create timetable. Utilized tools like Flask, Pillow for image generation, Pandas for data manipulation, and HTML, CSS, and JS for front-end development, saving students approximately 2 hours.

TECHNICAL SKILLS

- **Cybersecurity:** Interested in penetration testing, networking, cryptography 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 astro, flask, php, mysql. I have contributed to multiple websites like Issue Tracker, Timetable, Blithchron, IR&P council, EII IIT Gandhinagar, CoLab IITGN.
- **DevOps:** Built and deployed cloud-native applications on Google Cloud Platform and Azure. Leveraged Kubernetes, Knative, Docker, and CI/CD pipelines to automate deployments and design scalable, serverless architectures.

POSITIONS OF RESPONSIBILITY

- **System Related Role**

[Aug'24 - May'25]

- Organized and Designed the CTF of HackRush (Hackathon of IITGN) and SummerSeize (by Technical Council).
 - Mentored projects and led technical discussions on systems-related technologies within the Systems Hobby Group.
- **Web Developer role**

[July'24 - May'25]

- Webmaster at IR&P Council – Maintained the council website; Organised IndustReal, Build-a-thon and other events.
 - Tech Team at Blithchron – Developed and deployed the cultural fest website and organize technical hackathon.
 - Tech Head at EII Council – Led the tech team and managed the website for Gujarat's largest upcoming E-summit.

ACHIEVEMENTS

- Maintained a Leetcode streak of 200+ days.
- Bypassed admin login page for BAS (Biometric Attendance System) portal and reported to the administration.
- Discovered a vulnerability allowing remote access to all computer lab systems, which could disrupt lab activities.
- Extracted students' mess QR codes from the Mess Portal using a Bash script and reported the exposure of sensitive files.
- Reported a Google Dorking method that exposed the MATLAB license key and potentially violated its privacy policy.
- Participated in a CTF and was one of the four winners (captured all flags) from the entire IIT Gandhinagar community.