

EDUCATION

- **Indian Institute of Technology Gandhinagar** **CGPA: 8.23/10**
Bachelor of Technology in Computer Science and Engineering *August '23 - Present*
- **Regional Convent School, Madhya Pradesh** **Percentage: 91**
Class XII, Madhya Pradesh Board *2021 - 2023*

EXPERIENCE

- **Ripplia** *May' 25 - July' 25*
(Full-Stack Software Intern) — (ripplia.com)
 - Implemented CI/CD pipelines, containerized services to streamline development and deployment workflows.
 - Managed domain configuration and production infrastructure on GCP using Cloud Run, logging, OAuth.
 - Developed cross-platform Electron application. Worked on Browser Use, CDP on client side with performance.
- **Invention Factory India 2024** *June' 24 - July' 24*
(Maker Bhavan Foundation) — Project Link
 - Developed a sit-stand assist device to help patient and the 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.

COURSE PROJECTS

- **OWASP Nest** *Dec' 24 - Mar' 25*
(Open Source Project) — Project Link
 - Contributed 25 [pull requests](#) to OWASP Nest, Contributing on real-world projects benefits 38k+ members.
 - Worked on coverage, backend issue resolution, Slack Bot updates, React development/testing, and CI workflows.
- **SRIP Migration to Serverless Architecture** *Aug' 24 - Apr' 25*
(Advisor - Sameer G. Kulkarni, IIT Gandhinagar) — Project Link
 - Migrated IITGN's Summer Research Internship Portal from WordPress to an optimized Flask-MySQL application.
 - Re-architected the platform using serverless deployment for resource optimization with Knative over Kubernetes.
- **Timetable Generator** *Jul' 24 - Jun' 25*
(Hobby Project) — Project Link
 - Built a timetable generator to export schedules as Excel, image, or CSV, with automated calendar integration.
 - Automated sync using GitHub Actions, saving more than 2 hours of each student. Handled 1000 requests daily.
- **Version Control System** *Dec' 23 - Jan' 24*
(WOC 6.0) — Project Link
 - Designed and implemented a Python-based version control system featuring Git-like operations (init, add, commit, log, checkout, user management). Created a [demonstration video](#) to guide WOC 6.0 participants.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, PHP, Rust, SQL, Bash, Verilog.
- **Frameworks & Platforms:** React, Astro, Flask, App Script, Kubernetes, Knative, Docker, Google Cloud Platform.
- **Libraries:** Pillow, Pytest, unittest, NumPy, Pandas, Matplotlib.
- **Tools:** Git, Nmap, Metasploit Framework, Burp Suite, Aircrack-ng, Wireshark, GitHub Actions, CI/CD pipelines.

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Contingent Leader **INTERIIT Tech Meet 14.0** Historical Performance: **1 Gold, 2 Silver, 1 Bronze.** *Oct'25-Dec'25*
- Lead Instructor of **CyberSecurity Short Course** with **100+** students at IIT Gandhinagar. *Jan'26*
- **Management Coordinator, Technical Council IIT Gandhinagar** *May '25 - Apr '26*
- **CTF stakeholder HackRush, Tech Lead at Systems Club, IR&P Council, EII, CoLab** *Aug '24 - Apr '25*
- Maintained a **200+** day Leetcode streak, demonstrating consistency.
- Reported **5+** critical vulnerabilities in IITGN systems like mess portal, bas portal, computer labs, ISTF.