

ACADEMIC DETAILS

Degree	Specialization	Institute	Year	CPI/%
B.Tech.	Electrical Engineering	Indian Institute of Technology, Gandhinagar	2023-2027	8.48
Class XII	Physics, Chemistry, Maths	Chavara Public School	2023	97%
Class X		Sacred Heart English Medium School	2021	96.6%

PROJECTS

- **Health Warriors**

[October 2024]

(*Odoo x Amalthea '24 Hackathon*) | *Project Link*

◦ Designed a personalized healthcare platform (HealthWarriors) providing accessible medical advice, diagnostics, and government benefits via Aadhaar number, bridging healthcare disparities through AI-powered chatbots and urban doctor networks.

◦ Utilized Agile development approach, innovative technologies (Odoo), and sleek UI/UX design to create an impactful digital healthcare solution (HealthWarriors) connecting urban doctors with rural patients through Aadhaar authentication, comprehensive appointment system, and user-friendly dashboard interface.
- **E Gate Management**

[March 2024]

(*HackRush '24 Hackathon*) | *Project Link*

◦ Winning Developer of HackRush'24: Top-performing hackathon winner with expertise in software development and design.

◦ Led the creation of Electronic Gate Management Software for IIT Gandhinagar: Developed an innovative solution integrating real-time data analytics, user-friendly interface, streamlined entry processes, enhanced safety, and improved visitor management.
- **Nomination Portal**

[March 2024]

(*Election Commission, IITGN*)

◦ The Election Commission Nomination Portal for IIT Gandhinagar serves as a streamlined platform for students to participate in the democratic process of student elections. It allows candidates to submit their nominations and access necessary forms.
- **Voting Portal**

[March 2024]

(*Election Commission, IITGN*)

◦ The Election Commission Voting Portal for IIT Gandhinagar is designed to facilitate a smooth and secure voting experience for students. With a user-friendly interface, it ensures that eligible voters can easily cast their ballots online, access candidate information, and track election updates.
- **Academic Council Page**

[December 2024]

(*Student Academic Council*) *Project Link*

◦ The Academic Council page for IIT Gandhinagar ensures students and faculty have access to essential academic policies, initiatives, and discussions. It serves as a central hub for council meetings, agendas, and outcomes, fostering transparency and engagement.
- **Content Management Service (Student Academic Council)**

[December 2024]

(*Student Academic Council*) *Project Link*

◦ A dedicated content management system for IIT Gandhinagar's Academic Council, designed to organize and streamline academic updates, policies, and student engagement.
- **Amalthea '23 Website**

[November 2023]

(*Amalthea '23*)

◦ A dedicated platform for Amalthea '23, providing event details, registration, and real-time updates for a seamless tech summit experience.
- **Amalthea '24 Website**

[October 2024]

(*Amalthea '24*)

◦ Designed and developed the official website for Amalthea '24, offering a user-friendly platform for event registrations, schedules, and important announcements.
- **Blithcron '24 Website**

[October 2024]

(*Blithcron '24*)

◦ The official website for Blithcron '24, offering a seamless experience for event registrations, schedules, and live updates. It enhances user engagement with an interactive and visually appealing design.

TECHNICAL SKILLS

- **Web Development:** Highly skilled in achieving full stack functionality by leveraging React for the front end, JavaScript for dynamic scripting, Vite as a scalable build tool, Node.js for server-side logic, and MongoDB for data persistence, showcasing my ability to successfully integrate various technologies for enhanced web development.
- **App Development:** Proficient in developing cross-platform applications using Flutter and React Native, ensuring seamless user experiences. Skilled in leveraging Dart and JavaScript for efficient coding, Firebase for backend services, and REST APIs for robust data communication.
- **Server Administration:** Experienced in managing and configuring servers, ensuring optimal performance and security. Proficient in setting up and maintaining Linux-based servers, deploying applications using Docker and Kubernetes, and automating tasks with shell scripting and Ansible.
- **Linux Environment (I use Arch BTW):** Adept at working in a Linux-based ecosystem, with expertise in system configuration, package management, and shell scripting. Skilled in troubleshooting, optimizing workflows, and leveraging open-source tools for enhanced productivity.
- **Automation:** Skilled in automating repetitive tasks using Python, Bash, and Ansible. Proficient in setting up CI/CD pipelines with GitHub Actions and Jenkins to streamline development workflows, ensuring efficiency and reliability.
- **Software Tools for AI/ML:** Proficient in leveraging AI/ML frameworks such as PyTorch, AutoGluon, and scikit-learn for building and optimizing models. Experienced in data validation with Great Expectations and Pandera, hyperparameter tuning with Ray Tune, and data augmentation using AugLy, ensuring robust and scalable AI/ML solutions.

POSITIONS OF RESPONSIBILITY

- **Election Commissioner** [Dec '24-Dec'25]
 - Strategic Leadership: Spearheaded election processes as Commissioner for Election Commission, guaranteeing seamless undertakings and enhanced democratic participation.
 - Election Management: Successfully coordinated and executed general elections and bye elections for IIT Guwahati, ensuring meticulous planning, organizational skills, and timely completion.
- **Web Developer, Amalthea '23** [1 year]
 - Website Development: Designed, developed, and maintained the official website for Amalthea '23, ensuring a seamless user experience for registrations, event listings, and live updates.
 - Performance Optimization: Implemented security measures and optimized website performance to handle high traffic during the event, ensuring stability and responsiveness.
- **Web Developer, Blithcron '24** [1 year]
 - UI/UX Enhancement: Led the development of the Blithcron '24 website, incorporating an interactive UI/UX design and an efficient ticketing system.
 - Backend Integration: Developed a smooth front-end and back-end integration to ensure optimized loading speeds and seamless user interactions.
- **Web Development Lead, Amalthea '24** [1 year]
 - Team Leadership: Spearheaded the web development team to build a robust, scalable, and mobile-responsive website for Amalthea '24.
 - Project Management: Managed a team of developers, conducted code reviews, assigned tasks, and ensured best coding practices for high performance and security.
- **Technical Officer, Election Commission, IIT Gandhinagar** [1 year]
 - System Security: Oversaw the technical operations of the Election Commission, ensuring secure and efficient online voting and nomination systems.
 - Backend Development: Developed and maintained the backend infrastructure to support electoral processes, guaranteeing data integrity and transparency.
- **Web Master, Student Academic Council** [1 year]
 - Platform Development: Developed and maintained the Student Academic Council's online platforms, ensuring accessibility and up-to-date content.
 - Feature Implementation: Introduced new features to improve student engagement, automated administrative tasks, and optimized website performance and security.
- **HackRush Stakeholder, HackRush '25** [1 year]
 - Event Organization: Played a key role in organizing and managing HackRush '25, contributing to the technical, logistical, and operational aspects of the hackathon.
 - Technical Execution: Worked on platform development, participant engagement strategies, and ensured the smooth execution of hackathon activities.

ACHIEVEMENTS

- HackRush Winner '24