

Sujal Makwana

+91-7778963730 ♦ India

sujal30makwana@gmail.com ♦ [LinkedIn](#) ♦ [GitHub](#)

PROFILE

MCA student with hands-on experience building full-stack applications using the MERN stack and Flask-based systems. Contributed to hackathon-winning and team-led projects involving real-time data handling, modular UI architecture, and backend API integration, with a focus on writing clean, maintainable code.

SKILLS

- **Programming Languages** JavaScript (ES6+), C, Python
- **Web Technologies** React.js, HTML5, CSS3, Tailwind CSS
- **Backend & APIs** Node.js, Express.js, Flask, RESTful APIs
- **Database Management** MongoDB, SQL
- **Tools & Platforms** Git, GitHub, VS Code

PROJECTS

GreenSwitch – Smart Energy Optimizer & Monitoring System (IoT + Flask):

Team Leader | Team of 6 | Winner – CodeMonthan 2.0 Hackathon (AIMIS, 2025)

- Led dashboard design decisions and contributed to developing a real-time energy monitoring interface using Flask and frontend technologies.
- Built responsive UI components and charts to display live energy data clearly across devices.
- Represented the team during hackathon evaluations and coordinated communication with mentors and judges.

LettrBox – Online Application Portal (MERN Stack):

Group Project (Team of 2)

- Developed a MERN-based digital portal to manage and track student applications end-to-end.
- Built reusable React components and implemented API-driven state management for real-time status updates.
- Designed admin dashboards with dynamic filtering and application workflow controls.

INTERNSHIP EXPERIENCE

RPA Developer Intern – TecnoPrism (Automation Anywhere) | Current

- Designed automation workflows to process structured and semi-structured data, reducing manual effort in repetitive business operations. Implemented exception handling and conditional flows to improve reliability.
- Integrated automation workflows with Excel/CSV data sources and validation logic
- Collaborated with team members to translate manual processes into scalable automation.

EDUCATION

Master of Computer Applications (MCA) – Ongoing (2024-2026)

Anand Institute of Management and Information Science, Gujarat Technological University

Sem-1: 9.00/10, Sem-2: 8.82/10, Sem-3: 8.14/10

Bachelor of Computer Applications (BCA)

2021-2024

Anand Commerce College, Sardar Patel University

GPA: 8.53/10

ACHIEVEMENT

- **1st Place** – CodeMonthan 2.0 Hackathon, AIMIS Anand (2025)