

# PRIYANSHU PATEL

Software Engineer

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[GitHub](#) | [Linkedin](#)

## EDUCATION

### Indain Institute of Information Technology Vadodara

M.Tech CSE

CGPA: 8.19

Gandhinagar

August 2024 - Present

### Shankersinh Vagehla Bapu Institute of Technology

B.E. Information Technology

CGPA: 8.66

Gandhinagar

August 2020 - April 2024

## EXPERIENCE

### IFlair Web Technologies Pvt. Ltd. | Software Engineering Intern

January 2024 - August 2024

- Developed and optimized scalable MERN stack applications, enhancing performance and user experience.
- Built and integrated RESTful APIs, improving backend functionality and data flow.
- Implemented authentication, state management, and responsive UI for seamless user interaction.
- Collaborated with cross-functional teams to deploy full-stack features in production environments.

## SKILLS

Programming Languages: C++, JavaScript

Libraries/Frameworks: React, Ionic, Sequelize, Mongoose.js, Express.js, Node.js

Tools / Platforms: Git/GitHub, VSCode

Databases: SQL, MongoDB

## PROJECTS

### Safe Ship Navigation

JavaScript, Ionic, React, SQL, Python, Docker

- Collaborated with IITV & ISRO to develop a navigation system for safe ship routing.
- Integrated bathymetry, wind direction, and real-time weather analytics for optimal path visualization.
- Designed an intuitive UI to enhance usability for ship operators.

### Mark My Presence System

JavaScript, Node.js, MongoDB, Mongoose.js

- Collaborated with IITV to develop a secure and scalable attendance system using WiFi signal strength, ambient audio, and image verification.
- Implemented real-time data processing for tamper-proof attendance logging.
- Designed a RESTful API for seamless integration with existing enterprise systems.

### Genre Movie Booking System | [GitHub Link](#)

JavaScript, React, MongoDB, Node.js, Mongoose.js

- Developed a full-stack movie ticket booking system enabling users to book shows based on theater and showtime preferences.
- Implemented an admin panel to manage theaters, add movies, and schedule screenings.
- Integrated NodeMailer for automated email confirmation of bookings, improving user engagement.

### Airline Booking Backend | [GitHub Link](#)

Node.js, Express.js, Sequelize, MySQL, Passport.js

- Built a microservices-based backend for airline ticket booking and flight search.
- Implemented user authentication and authorization using Passport.js.
- Used Sequelize with MySQL for structured data modeling and efficient querying.

## OPEN-SOURCE

- Successfully contributed to two open-source projects.
- Developed scalable solutions that improved application performance by 30%.
- Recognized for exceptional problem-solving skills in full-stack development.

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