

# PRATYUSH SWAIN

Full Stack Developer | Bengaluru, Karnataka

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## PROJECTS

### OmniCRM | Frontend | React JS, Bootstrap, React-Router, Axios |

- Developed a fully **responsive** and intuitive **CRM** frontend that allows users to manage customers, tickets, and users.
- Designed dynamic forms and dashboards to handle add/edit/delete (**CRUD Operations**) customer data efficiently.
- Integrated **REST APIs** using Axios for real-time data sync and error handling.
- Implemented **secure session-based login** with user access control.
- Achieved a 25% improvement in navigation speed with **React Router** and optimized rendering logic.

### Drive App | Backend | Node JS, Express, MongoDB, JWT, bcrypt, Firebase |

- Built a robust backend server to handle secure **storage** and **management** of user data.
- Used **MongoDB + Mongoose** for database operations; performed full **CRUD** with backend validation using **express-validator**.
- Implemented password hashing with **bcrypt** and **JWT-based authentication** for secure access.
- Integrated **Firebase** for efficient data storage, ensuring scalability and backup support.
- Improved backend efficiency and data integrity, resulting in a 30% boost in user operations performance during testing.

### Portfolio Website | React.js, Bootstrap 5.3, React-Router, AOS, Email JS |

- Built a fully responsive personal portfolio website with theme toggle, **dark/light mode**, and animated scroll effects.
- Used **React Router** with ScrollToTop for seamless navigation and **AOS** for elegant transitions.
- Integrated **EmailJS** for 'Hire Me' (sends email to both recruiter and me) and **FormSubmit** for 'Get in Touch' response.

## TECHNICAL SKILLS

- Languages: JavaScript, Python
- Frontend Technologies: React, Redux, HTML5, CSS3, Bootstrap 5.3
- Backend Technologies: Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, express-validator, Firebase
- Tools & Libraries: Axios, React Router, Postman, Git & GitHub
- Other Skills: Data Structures and Algorithms, Debugging, Problem-solving

## EDUCATION

### Manipal University Jaipur

Mar 2023 - June 2025

Master of Computer Applications (MCA)

CGPA- 8.76 / 10

## CERTIFICATIONS

### Frontend Development Course


Relevel by Unacademy

## BEHAVIORAL SKILLS

 *Discipline*

 *Adaptive*

 *Collaborative*

 *Team-Oriented*

## INTERESTS

- Web Development
- AI & Machine Learning
- Backend APIs
- Full-stack Apps