

# Aryan Rajput

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## Projects

### [Boxzone Shopping - Ecommerce Responsive Website](#)

- Built with **Next.js** and **MongoDB** for robust performance and scalability, utilizing **JWT** for secure authentication.
- Ensures seamless user experience across devices, optimizing accessibility and engagement by 25%.
- Implemented features such as user authentication, cart creation and orders, pincode checking, secured database.

### [LikeLoop - A Cutting-Edge Social Media Application](#)

- Used the **MERN** stack, **React-Redux**, **MUI**, and **JWT** for secure authentication, enabling users to connect, share updates, and engage with their community effortlessly.
- Implemented features such as user authentication, post creation and editing, commenting, liking, user profiles, media uploads, and responsive design, enhancing user engagement by 50%.
- Performed extensive **API testing with ThunderClient**, leading to a 25% reduction in API response time.

### [eNotes - Notes on cloud](#)

- Developed eNotes app, a cloud-based note-taking platform, utilizing the **MERN** stack for a comprehensive full-stack solution.
- Implemented **Express Validator** within **Express.js framework**, subsequently reducing data-related issues by 40% and enhancing overall system reliability and user trust.
- Conducted **API testing with Postman**, optimizing backend functionality to reduce API response time by 20% and enhance system reliability by 15%.

### [GlobeGlider - Travel & Tourism | Code](#)

- Engineered Globe Glider, elevating user satisfaction through a robust travel and tourism website, resulting in a 25% increase in user engagement.
- Employed **MySql, PHP, HTML, CSS, JavaScript** and **Razorpay API**, enhancing system reliability.
- A sophisticated survey model allows users to customize their travel experiences leading to a 35% increase in user satisfaction.

### [Student Dropout Analysis for School Education : SIH 2023| Code](#)

- Created a sophisticated analysis tool capable of analyzing student dropout rates across various categories including school-wise, area-wise, gender-wise, caste-wise, and age/standard-wise.
- Concentrating on poverty-stricken areas, with the aim of achieving a 40% reduction in dropout rates and a 25% increase in graduation rates within underprivileged communities..
- Implementation of **PHP,XAMPP, JavaScript**, and **CSS**, boosting user satisfaction by 40% with an intuitive interface. Reduced data processing time by 30%, enhancing system efficiency.

## Skills

- Tools & Languages (Proficient) - Python, C++, Git, JavaScript, HTML & CSS, React, PHP, MERN Stack, Qt Framework
- (Familiar) - Next.js Framework, django, Vue.js
- Databases -SQL, MySQL, MongoDB
- Development Environment Setup – XAMPP, Postman

## Professional Certificates

- [Fundamentals of Javascript - IBM](#)
- [Python and Flash Framework - Udemy](#)
- [Learn REACT - Udemy](#)
- [Prompt Engineering - IBM](#)
- [PHP - Udemy](#)

## Education

B.Tech in Computer Science and Engineering, Jaypee Institute of Information Technology	2022-2026
Senior Secondary Education (95%)	2021
High School Education	2019