

SYED RAZA ALI

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Education

Integral University, Lucknow

B.Tech in Computer Science & Engineering

2021 - 2025

8.3/10 CGPA

Projects

MERN SAAS A.I. Chatbot: A Journey of Exploration.

[Source Code](#)

- In this exciting project, I delved into the **MERN stack**, creating an **A.I. chatbot** that seamlessly integrates **frontend and backend** technologies. Here's what I accomplished:
- Frontend Mastery:** I skillfully enhanced the app using React Router DOM, Material-UI, and React Icons.
- Backend Brilliance:** Leveraged Node.js and Express.js to handle user requests. Communicated with the OpenAI API for intelligent responses.

ValPal: A Wikipedia of Popular Gaming Platform Valorant

[Source Code](#)

- Development Exploration:** Immersed myself in the React JS ecosystem with unwavering determination. **Explored** intricate properties such as **state management, component lifecycles, and dynamic rendering**.
- Facilitated New Players' Learning Curve:** Provided agent **insights** and map **guides** to help new players navigate Valorant effectively.

E-Commerce-BackEnd: An Authentication and Authorization project

[Source Code](#)

- NodeJS and MongoDB Journey:** Embarked on an exciting development journey using NodeJS and MongoDB. Created a robust **authentication and authorization backend** for an e-commerce website.
- User Functionality:**
 - * **Sign Up and Sign In:** Implemented user registration and login functionality.
 - * **Category Creation:** Users can create product categories.
 - * **User Role Check:** The system verifies whether a user ID belongs to an admin or a customer.
- Token Handling:** If the **token is not valid**, it **sends an error message**. If the **token is valid**, it **adds the user ID** from the decoded token to the request object.

Work Experience

Robotics Internship at Integral University

March 2024 – April 2024

Vision based obstacle detection and avoidance

Remote

- I participated in a summer internship at Integral University, Lucknow, where I gained practical experience and developed valuable skills in robotics.
- During the internship, I worked on real-world projects, enhancing my understanding of robotics patterns and mechanisms.
- Used:** Raspberry Pi, sensors (camera, lidar, or ultrasonic), computer vision algorithms for obstacle detection, a control system

Technical Skills

Languages: JavaScript, Java, TypeScript

Backend: Node.js, Express.js

Frontend: React, TailwindCSS,

Databases: MongoDB

Developer Tools: Postman, Git, GitHub, React-icons, Material-UI

Soft Skills: Leadership, Willingness to Learn, Collaboration, Adaptability, Critical Thinking, Good Communication, Confidence, Work Ethic

Participation

Code Club Lead Coordinator

March 2022 – present

Batch of 2025

Integral University (backed by University)

- Organized and led successful coding events and challenges.
- Fostered a collaborative environment for fellow students to enhance their programming skills.

Tech Club Member

Dec 2023

- Helped organise multiple events in the Integral University Tech Club, including a Cyber Security Awareness event and an International Technology Advancement event, among others.