

# PRIYANSHU SINGH

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## Profile Summary

Detailed-oriented Web Developer focused on building immersive **User Interfaces** using **React.js** and **Modern JavaScript**. Possesses practical knowledge of **Node.js** and **Database Management**, enabling efficient collaboration between frontend and backend systems. Committed to delivering visually stunning and functionally robust web solutions.

## Education

**Bachelor of Engineering (CSE)** | Institute of Engineering & Technology, Agra  
CGPA: **8.16 / 10.0** (Till 6<sup>th</sup> Semester)

**July2022 – Jun2026**

## Skills

- **Frontend Development:** React.js, JavaScript (ES6+), HTML5, CSS3, DOM Manipulation, Responsive Design.
- **Backend Development:** Node.js, Express.js, REST APIs.
- **Database Management:** MongoDB, MongoDB compass.
- **Tools & Version Control:** Git, GitHub, Postman, VS Code, Chrome DevTools.
- **Additional:** Puppeteer (Web Scraping), Particles.js.

## Projects

- **RaagVibe - Dynamic Music Player** [[LIVE DEMO](#)] | Advanced JavaScript, CSS3, DOM Manipulation
  - Engineered a custom audio player with features like a **draggable seek slider**, playlist management, and volume control.
  - Implemented complex **Event Listeners** in Vanilla JavaScript to handle audio buffering and playback with zero lag.
  - Developed a highly **responsive UI** with **custom DOM manipulation** for real-time audio visualization, demonstrating deep understanding of **Core JavaScript**.
- **CyberMart - E-Commerce Web Application** [[LIVE DEMO](#)] | HTML5, CSS3, JavaScript, Razorpay API
  - Architected a fully responsive e-commerce frontend ensuring cross-browser compatibility and mobile responsiveness.
  - Integrated secure payment processing using **Razorpay API** to handle transaction flows.
  - Enhanced User Experience (**UX**) by implementing smooth CSS animations and dynamic product rendering using **JavaScript**.
- **Price Tracker Dashboard (Full Stack Application)** | Node.js, Express.js, MongoDB, HTML/CSS
  - Developed a real-time data tracking application that monitors product prices across e-commerce platforms.
  - Built a robust **RESTful API** using **Node.js & Express** to fetch and serve scraped data to the frontend with low latency.
  - Designed an optimized **MongoDB schema** to store historical price data, enabling users to track price drops effectively.
  - **Impact:** Automated data collection reduced manual checking time by **90%**, delivering updates instantly.

## Training & Achievements

- **Google Cloud AI Intern | SmartInternz** **July2025 – Aug2025**
  - Deployed Generative AI models utilizing Google Cloud infrastructure, gaining practical exposure to cloud-based AI solutions.
  - Integrated GenAI capabilities into web applications, understanding the bridge between Frontend interfaces and AI backends.
- **Research Paper Selection | ICFCSAI 2025** **Sep2025**
  - Co-authored a technical paper selected for the ICFCSAI 2025 International Conference.
  - Worked collaboratively to research and implement Transfer Learning with MobileNetV2, resulting in a state-of-the-art accuracy of 98.8% and processing speed of 70 FPS.