

# Nilkamal Priyadarshi

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## Education

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**IIIT Ranchi** 2023 – Present  
*B.Tech in Electronics and Communication Engineering* *CGPA: 7.2/10*

**CBSE (Class XII)** 2022  
*Senior Secondary* *Percentage: 84%*

**CBSE (Class X)** 2020  
*High School* *Percentage: 93%*

## Technical Skills

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- **Languages:** C++, JavaScript, SQL
- **Web Development:** React.js, Tailwind CSS, MongoDB, Express.js, Next.js (in progress)
- **Tools & Others:** Git, Figma, Firebase, UI/UX Design, Responsive Design

## Projects

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- **keepNotes – Note-taking Application**  
Developed a user-friendly web application using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) to perform seamless **CRUD operations**. The app incorporates **core JavaScript concepts** in a modular and well-structured way, making the codebase easy to understand and maintain. Emphasis was placed on intuitive **UI/UX design** for enhanced user experience.
- **Smart Gardening System (IoT)**  
Designed and developed an interactive IoT dashboard using React.js and Firebase to display real-time sensor data fetched from a Wi-Fi module (ESP32). The system ensures seamless synchronization between hardware and the web interface, providing dynamic updates for parameters like soil moisture and temperature. Focused on delivering a clean and responsive user experience with smooth real-time data handling.
- **Zerodha Clone (ReactJS)**  
Built a responsive and visually appealing clone of the Zerodha trading platform using **React.js** and **Bootstrap**. Implemented **React Router** for proper multi-page routing and focused on delivering a smooth and intuitive **user experience** through clean component structuring and UI best practices.

## Positions of Responsibility

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- **Core Team Member, GDSC IIIT Ranchi**  
Leading UI/UX design efforts and contributing to community-driven technical initiatives.
- **Content Writer Intern, Precollege**  
Managed social media handles and produced engaging educational content across platforms.

## Achievements

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- 2<sup>nd</sup> Prize in IoT Project Presentation – National Space Day at IIIT Ranchi.
- Winner of Smart Gardening Project Showcase at College Event.

## Interests

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Photography, UI/UX Design, Video Editing, Technical Problem Solving