




# Ritika Kumari Nayak

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 [LinkedIn Profile](#)

 [GitHub Profile](#)

 Odisha, India

## Education

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| <ul style="list-style-type: none"><li>Veer Surendra Sai University of Technology Odisha, India<br/>Bachelor of Technology Degree in Information Technology</li><li>Adyanta Higher Secondary School<br/>Council of Higher Secondary Education, Odisha</li><li>Saraswati Vidya Mandir, K S nagar<br/>Board of Secondary Education, Odisha</li></ul> | <p>Expected Graduation: 2026<br/>CGPA: 8.74<br/>(Intermediate)2018-2020<br/>Percentage: 86.5<br/>(Matriculation) 2008-2018<br/>Percentage: 94.5</p> |
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## Experience

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| <ul style="list-style-type: none"><li>IBM SkillBuild<br/>Frontend Developer Intern<br/><br/>Built a comprehensive online shopping cart application using React.js and Tailwind CSS, achieving a 50% increase in user engagement. Leveraged React.js, Tailwind CSS, and Git to streamline development processes and ensure robust version control, gaining expertise in deployment and testing, which improved team collaboration and code quality. Deployed the application to Vercel, achieving a 99.9 percent uptime and reducing deployment time.</li></ul> | <p>June 25, 2024 - Aug 5, 2024<br/>Remote</p> |
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## Projects

- InnovateLearn - A Learning App  
Created a learning app using MERN stack with authentication functionality.
- \* Developed a secure and scalable learning platform using the MERN stack, implementing JWT authentication to ensure protected user sessions and secure access to course content, supporting 1000+ registered users.
- \* Optimized backend performance with Node.js and Express, reducing API response times by 40%, leading to faster course content delivery and a smoother learning experience.
- \* Integrated interactive learning features, including progress tracking, quizzes, and real-time discussions, enhancing user engagement and improving course completion rates by 30%.
- Gadget Store  
Built a MERN stack application with user authentication and an admin panel.
- \* User Authentication: Established a secure login and registration system using JWT-based authentication for users within 3 weeks, enhancing data security and user trust with robust encryption.
- \* Admin Panel: Provided with a comprehensive admin panel for managing products, orders, and user roles.
- \* Product Browsing: Users can easily search and browse through a wide range of products, organized into categories for efficient navigation.

## Technical Skills and Interests

Languages: C++, C, JavaScript  
Technical Skills: OOPS, DBMS, Computer Networking  
Developer Tools: Visual Studio Code, Git, Postman  
Data Structures and Algorithms: Array, Hash Tables, Searching and Sorting Algorithms  
Frameworks: React.js, Node.js, Express.js  
Cloud/Databases: MongoDB, SQL  
Areas of Interest UI/UX Design, Technical Interests, Sports, Mentoring, Art Creativity, Cooking

## Achievements and Certifications

- HackerRank Profile  
Along with 4+ certifications in C++, showcasing top-tier skills in algorithmic challenges.
- FreeCodeCamp Responsive Web Design  
Completed a 10-hour course focused on HTML5, CSS3, and building responsive web designs.