Ritik Raj Pandey

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EDUCATION

Bit Sindri   Dhanbad, Jharkhand
Bachelor of Technology in Information Technology   *Nov 2021 – May 2025*

SKILLS

Programming Languages: C and C++, JavaScript, HTML/CSS
Database and Language: MongoDB, SQL
Frameworks: React, Node.js, Material-UI, Tailwind CSS, Bootstrap
Developer Tools: Git, MongoDB Cloud Platform, VS Code, Postman, MongoDB Compass
Course Work: Data Structures and Algorithms, Operating System, Database Management
Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

EXPERIENCE

Full Stack Developer   February 2024 – March 2024
Amplif   *Remote*
- Developed end-to-end web solutions using React.js and Node.js.
- Managed databases, integrated APIs, and collaborated with teams for project planning.
- Translated Figma designs into code, fixed bugs, and ensured website responsiveness.

Teaching Assistant   March 2023 – September 2023
Coding Ninjas   *Remote*
- Received an average rating of 4.7 and an optimized rating of 4.82. Regarded as knowledgeable and the best TA.
- Solved more than 1000 unique doubts of students regarding Data Structures and Algorithms.
- On average, interacted with 120 students monthly, helping them optimize and debug their code.

PROJECTS

Retailer Dashboard | Project Links   Live Links
- Developed a full-stack web application using Node.js serving a REST API with React as the frontend.
- Implemented user signup/login authentication using JWT.Displayed available products; added to cart with React.
- Managed cart functionality to display prices.Provided option for users to proceed to purchase from the cart.
- Utilized Express.js middleware for handling authentication and authorization.Implemented server-side validation for user inputs to ensure data integrity.

Kanban Board | Project Links   Live Links
- Developed a Kanban board application using React for the frontend and Node.js for the backend.Integrated JWT authentication for user login and authorization for task management.
- Implemented middleware in Node.js to verify JWT tokens for secure user access.Enabled admin functionality to create tasks for multiple users and update task statuses.
- Utilized drag-and-drop functionality in React for seamless task management across different stages.Implemented features for users to move tasks between "In Review," "Completed," and "Uncompleted" sections.
- Implemented error handling mechanisms to gracefully manage unexpected errors and ensure application stability.Utilized responsive design principles to optimize user experience across various devices and screen sizes.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- **Smart India Hackathon (SIH) 2022 Winner:** Awarded with a prize worth 1 Lakh and led the entire team.
- **Member of Prestigious Coding Club:** Organized and maintained various coding and technology-related events.
- **Collaboration with Ministry of Social Justice and Empowerment:** Worked with the Secretary (IAS) regarding project implementation.
- **Problem Solving Achievements:** Solved over 800 questions across various difficulty levels.
- **Foundation for Excellence (FFE) Scholarship Holder:** Awarded to the best performer in JEE.
- **Capture the Flag Competition Host:** Hosted a Capture the Flag competition during the college tech fest.