RISHI RAJ

Ranchi, Jharkhand

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EDUCATION

Birla Institute Of Technology, MESRA, Ranchi   **August 2023 – July 2025**
*Master's in Computer Application (MCA) - **CGPA - 8.0***   *Ranchi, Jharkhand*

St. Xavier's College, Ranchi   **August 2019 – July 2022**
*Bachelor of Science in Information Technology - **76%***   *Ranchi, Jharkhand*

PROJECTS

[Notes-Yard ↗](#) | HTML, CSS3, Node.js, Express.js, JavaScript, MongoDB   **May 2024 - June 2024**

- Developed a notes application using Node.js (40 percent of the codebase) and MongoDB (30 percent of the codebase) with Google API authentication (30 percent of the codebase).
- Boosted user productivity by 35 percent through a robust tool for efficient note management, reducing manual data entry time by 45 percent and enhancing overall user engagement and efficiency.
- Integrated Google OAuth for secure user authentication, achieving a 95 percent reduction in manual login errors.
- Implemented a responsive design to ensure seamless usage across devices, increasing mobile user engagement by 50 percent.

Hostel Room Allotment System ↗ | ReactJS, Firebase   **January 2024 - April 2024**

- Created an efficient platform for students and administrators to manage room-related requests, including new assignments, swaps, and vacation applications, improving request processing time by 40%.
- Enhanced administrative efficiency by 40% through streamlined workflows and automated processes, reducing the need for manual interventions.
- Integrated with existing college systems, resulting in a 30% reduction in manual administrative tasks and increased accuracy of room assignments.
- Facilitated over 200 room swap requests and 150 new room assignments seamlessly, ensuring minimal disruption to students and administrators.
- Enabled a user-friendly interface for students to submit vacation applications, leading to a 20% increase in timely submissions and approvals.

Employee Payroll System (Java) ↗ | Java, OOPs   **September 2023 - October 2023**

- Developed an Employee Payroll System featuring a user-friendly terminal interface, enhancing accessibility for non-technical users and reducing processing time by 50%.
- Implemented core OOP concepts with an abstract Employee class and concrete subclasses for Full Time Employee and Part-Time Employee, streamlining payroll operations and minimizing errors by 40%.
- Automated payroll calculations, reducing processing time by 50% and minimizing errors by 40%.

SKILLS

- Languages: Java, JavaScript, SQL
- Technologies/Frameworks: HTML5, CSS3, ReactJS(Beginner), MongoDB, ExpressJS, NodeJS, Bootstrap
- Developer Tools: Visual Studio Code, Git, Github

CERTIFICATIONS

- The Web Developer BootCamp - Udemy
- Python Programming
- Google Cloud Gen AI Study Jams Program:

EXTRACURRICULAR

- BIT Mesra's Data Hunt Competition: Winner at DATA SCIENCE SUMMIT   September 2023
- Google Cloud Gen AI Study Jams Program: Participated   May 2024
- Google Cloud Study Jams Program: Participated   December 2023