

RISHABH DEV TRIPATHI

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Education

Class 10th CISCE Board Exam

St. Joseph's School, Marks: 88.91%

March 2020

Gorakhpur, Uttar Pradesh

Class 12th CISCE Board Exam

St. Joseph's School, Marks: 87.89%

March 2022

Gorakhpur, Uttar Pradesh

Bharati Vidyapeeth College of Engineering

Bachelor of Technology (Computer Engineering), CGPA: 8.2

Aug. 2022 – May 2026

Pune, Maharashtra

Technical Skills

Programming Languages: HTML, CSS, JavaScript, SQL, C++, Python, C

Developer Tools: VS Code, WEKA, Chrome DevTools, Jupyter Notebook

Technologies/Frameworks: GitHub, React, Node.js, Vite

Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)

UI/UX Design Tools: Figma, Bulma, Bootstrap, Adobe XD

Projects

ATC ChatBot UI/UX Application | *HTML, CSS, JavaScript, React, Vite, ParticleJS*

- Architected a responsive, mobile-first landing page for the ATC ChatBot leveraging React and Vite to maximize performance and scalability.
- Incorporated ParticleJS to craft dynamic, interactive visual effects that enriched the user interface and heightened engagement.
- Devised a secure authentication module featuring comprehensive form validation, error handling, and encryption safeguards to ensure robust user security.
- Spearheaded Agile-driven development to integrate contemporary UI/UX best practices, ensuring cross-browser compatibility and scalable code architecture.

College Magazine Platform | *HTML, CSS, JavaScript, React, Node.js*

- Conceptualized a digital platform that transforms a traditional college magazine into an accessible e-book, integrating interactive PDF viewing and intuitive navigation for an enriched reader experience.
- Engineered a mobile-responsive layout using modern design principles to optimize performance on smartphones and tablets.
- Instituted a dynamic categorization system that organizes magazine issues by publication year, streamlining content discovery and archival management.
- Collaborated closely with the Editorial Board to align functionality with academic standards and user-centric design, culminating in a comprehensive digital solution.

Expense Tracker | *HTML, CSS, JavaScript, React, Node.js*

- Developed a robust expense tracking application that delivers comprehensive analytics and budgeting features to empower users in managing their spending habits.
- Implemented an interactive charting system to visualize financial trends, providing actionable insights for informed budgeting decisions.
- Engineered a responsive, intuitive interface that facilitates seamless navigation and optimal performance across devices.
- Integrated secure authentication mechanisms and real-time data synchronization to uphold data integrity and enhance user trust.

Leadership / Extracurricular Activities

Editorial Board Leadership

Senior Editor, Editorial Board

Blotic College Technical Club Leadership

Marketing Head, Blotic College Technical Club

Cricket Leadership Experience

Team Captain, Zonal Railways Cricket Academy