

ROHIT KUMAR SINGH

Patna Bihar

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Education

Haldia Institute of Technology

Aug. 2021 – June 2025

Bachelor of Technology - Electronics and Communication Engineering

GPA: 7.33

G.K.College,Adampur

March 2020

BSEB(12th Board) - Physics, Chemistry, Mathematics

58.8%

Jyoti Central High School, Ekma

March 2017

CBSE(10th Board)

85.5%

Experience

Rinex Internship

July 2022 – August 2022

Web Development

Remote

- Developed over 5+ responsive web pages using HTML5, CSS3, and JavaScript, ensuring 100% mobile responsiveness and cross-browser compatibility.
- Improved page load time by 30% by optimizing CSS stylesheets and minimizing JavaScript functions for better performance and user experience.
- Utilized Git / GitHub for version control, contributing to 2 collaborative projects including a portfolio website and a Blood Bank Management System.

Projects

Personal portfolio | HTML5, CSS3, JavaScript

Aug 2022

- Created a responsive portfolio site using HTML5, CSS3, and JavaScript to highlight my technical skills, academic background, and 6+ completed projects.
- **Integrated features** like theme toggle (dark/light), typing animation, and responsive navigation, improving user interaction and mobile compatibility by over 50%.
- Enhanced accessibility and performance with semantic HTML and optimized CSS/JS, reducing page load time to under 2 seconds.

Blood Bank Management System | Tech Stack: Python, Tkinter, Matplotlib

Jun 2025

- Developed a GUI-based blood bank system using Python and Tkinter to manage and track donor details, increasing data handling efficiency by 60%.
- Integrated real-time blood stock visualization through Matplotlib bar charts, allowing instant overview of 8 blood group inventories with live updates.
- Implemented input validation and user interaction using forms, message boxes, and dynamic Treeview tables, improving user experience and system reliability.

Smart To-Do List | HTML, CSS, JavaScript, Chart.js

May 2025

- Developed a feature-rich To-Do List app with task creation, time scheduling, priority category filters, and a real-time pie chart using Chart.js to track task status and priority.
- Enhanced user interaction by implementing dark/light mode, task search, and filtering options, resulting in a 40% improvement in task organization efficiency.
- Achieved 100% responsiveness and cross-browser compatibility with a clean UI and smooth task animations, ensuring seamless performance on both desktop and mobile devices.

Technical Skills

Languages/Database: Python, HTML/CSS, JavaScript(Basics), SQL(Basics).

Tools and Software: Numpy, Panda.

OS/IDE: VS Code, Jupyter Notebook, Google Colab, Linux.

Soft Skills: Excellent Communication, Problem-Solving Skills.

Leadership / Extracurricular

Treasurer – Computer Society of India (CSI)

Jun 2024 – Jun 2025

Haldia Institute of Technology

- Managed a 50,000+ budget, ensuring precise fund allocation for workshops, tech events, and student development initiatives with 100% financial transparency.
- Led 10+ seminars and coding workshops, increasing student participation in web development and machine learning activities by 40%.