

RANI SINGH

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ACADEMIC DETAILS

B Tech (Electronics & Communication Engineering)	2021-2025	MMMUT, Gorakhpur	8.75/10.0
Class XII (CBSE)	2021	Universal Public School	90.8%
Class X (CBSE)	2019	SRVS Shikshan Sansthan	94.6%

INTERNSHIP/EXPERIENCE

- Industrial Trainee**
15th June 2023-12th July 2023
 - Summer Vocational Training, B.L.W. Varanasi (Indian Railways)
Area of Internship: Loco Test Shop (LTS), Maintenance Service Shop (MSS), Engine Testing Shop (ETS) and Supervisory Control and Data Acquisition (SCADA)
- Industrial Trainee**
28th May 2024-27th June 2024
 - Signal And Telecom Training Center, N.E. Railway Gorakhpur
Topic Name: Data Networks of Indian Railway

PROJECTS

- Responsive Artwork Gallery**
 - Project Link: <https://artworkgallery-dlmb.onrender.com>
 - Developed and deployed a responsive fullstack application leveraging HTML, CSS, Bootstrap, ReactJS, MongoDB, NodeJS, and ExpressJS.
 - The application serves as an artwork gallery where artists can upload, delete, and update their artwork, as well as view the work of others for inspiration.
 - Features user authentication to ensure secure access to personal accounts and artwork management.
 - The site includes a Home page, Login page, About page, Gallery and Signup page all seamlessly routed for cohesive user experience.
- BMI Calculator**
June 2023
 - Project Link: <https://ranisingh0417.github.io/reactBmiCalc/>
 - Developed using functional components in ReactJS, with CSS and JSX ,it also manage state efficiently.
 - This application enables users to input their height and weight, computes their BMI score, and provides personalized feedback regarding their health status—whether they are underweight, normal, or obese.
- Guessing Game**
February 2023
 - Project Link: <https://ranisingh0417.github.io/Guessing-Game/>
 - An interactive game where players guess a randomly generated number between 1-100.
 - Features three difficulty levels—easy, medium, and hard—each offering varying attempts for the user.
 - Built with HTML for structure, CSS for styling, and JavaScript for game logic.

ACHIEVEMENTS

- GATE-2024 Qualified
- Gold Medalist in the Introduction to Internet of Things NPTEL course, with an aggregate score of 97%.

SKILLS

Technical: C++, HTML, CSS, JavaScript, Bootstrap, MongoDB, ExpressJS, ReactJS, NodeJS, Data Structure & Algorithms, OOPS.
Curriculum: Digital Electronics and Computer Organization, Electronic Measurement and Instrumentation, Digital Communication, Electronic Software Tools, Control System, Optical Communication, VLSI Design.
Certificates: Introduction to Internet of Things | Analog Electronic Circuit | L.E.D Bulbs Making and Maintenance
Interests: Frontend Development, Backend Development, MERN Stack Development, Full-Stack Development, UI and UX Designing.

POSITION OF RESPONSIBILITY

- Leading a team of five members for a B.Tech Final Year Project, demonstrating leadership, teamwork, project management, and technical expertise.
2024- ongoing

EXTRACURRICULAR

- Selected in 1st Round of **CreaTech** 2024 organized by **LARSEN & TOUBRO**, highlighting innovation and technical acumen.
- Participated in **QUANTICO** organized under EXPLORA'24 by ECES MMMUT, emphasizing analytical abilities and academic participation.
- Showcased problem-solving abilities and effective communication by coordinating a team during the **Internal Smart India Hackathon'23**.