Saurav Kumar

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EDUCATION

- **National Institute Of Technology** *2021-2025*
  B.Tech | Computer Science And Engineering CGPA/Percentage: 6.89(Till 6th Sem)
- **M.H.S College** *2018-2020*
  Bihar School Examination Board, Bihar CGPA/Percentage: 65.6
- **Collegiate School,Patna** *2017-2018*
  Bihar School Examination Board, Bihar CGPA/Percentage: 72

TECHNICAL PROJECTS

- **Personal Portfolio website** *December 2023*

  A portfolio is a compilation of academic and professional materials.
  - Required Tools and technologies : HTML, CSS, JavaScript, React.
  - Created a personal portfolio website using React that showcases over 10 interactive projects, improving visibility to potential clients while demonstrating expertise in building responsive and scalable web applications.
  - **Key Functionality:**
    * **Dynamic routing and navigation -** Improve user experience, Flexibility and scalability.
    * **Interactive components and animations -** Enhanced user experience, Accessibility and visual feedback.
    * **Responsive design and Mobile-friendliness -** Fluid grid, Flexible images, Media Queries, Easy navigation and Readability.
    * **Third-party libraries -** react router, react-icons, react-bootstrap, emailjs-com and others.

- **IPL Win Probability Predictor(Team Wining Prediction)** *August 2023*

  Designed and developed a machine learning model to predict the probability of a team winning.
  - Keys & Technologies implemented: Python, Machine Learning, Web Flask
  - **Features:**
    * **Real-time Prediction -** Get live predictions for ipl match outcomes based on the right match situation.
    * **Interactive Interface -** The predictor is deployed on the web Flask,offering a user-friendly interface.
    * **Deployment -** Hosted on the web flask application for easy access.
  - Built an advanced analytics tool that calculates the batting team's chances of winning by integrating real-time match data and historical performance metrics; the model has been utilized in over 200+ matches since launch.

- **Fitness Tracker App** *March 2024*

  Designed and developed a Web App that allows users to track their daily workouts, set fitness goals, and view progress.
  - Tools & technologies implemented: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB
  - Created a user-friendly web application that enabled seamless tracking of workout routines and milestones; that provided users with actionable insights, leading to a 25% increase in goal achievement rates.
  - **Feature:**
    * **Daily Workout Tracking -** Users can log and track their daily workouts.
    * **Fitness Goal Setting -** In this Users can set and manage their fitness goals.
    * **Progress Tracking -** Users can view their progress towards their fitness goals.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Python
Developer Tools: Visual Studio Code, GitHub, Sublime Text
Cloud/Databases: SQL, AWS, Microsoft Azure
Soft Skills: Sense of Humor, Transparency, Self-motivation, Kindness
Coursework: DSA, Oops, Computer Network, Operating System, Machine Learning
Areas of Interest: Web 3.0, Machine Learning, DSA

POSITIONS OF RESPONSIBILITY

- **Volunteer,** National Service Scheme(NSS) *2021-Present*

ACHIEVEMENTS

- **800 plus Coding Score with 250 plus Questions Solved on GeeksForGeeks** *September 2023*
- **400 plus Question Solved on Codechef** *June 2023*
- **250 plus Question Solved on Coding-Studio** *September 2023*

HOBBIES

- **Playing Cricket, Gyming, Gaming, Travelling**