Sayantan Bairagi

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Skills

- **Programming Languages :** C | C++ | Java | Python
- **Databases :** MySQL
- **Web Developement :** HTML | CSS | Javascript | React | Node
- **Concepts :** OOPS | DSA | Git | Frontend | Competitive Programming | MS Office
- **Languages :** English(Professional Proficiency) | Hindi(Professional Proficiency) | Bengali(Professional Proficiency)

Experience from Responsibilities

Branch Head	**NITJSR Technical Fest- OJASS**	**11/2023 - Present**

- Worked for the smooth conduct of Technical and fun Events for the annual Technical fest OJASS of the NITJSR.

Branch Head	**NITJSR Sports Fest- URJA**	**08/2023 - Present**

- Worked for the smooth conduct of Sports Events for the annual Sports Fest URJA of the NITJSR.
- Managed 10+ sports teams and events.

Captain	**NITJSR Volleyball Team**	**08/2023 - Present**

- Led the team in practices and competitions, ensuring effective training and performance during matches.

Education

Master of Computer Applications • CGPA - 8.15	**National Institute of Technology,** Jamshedpur	*Jamshedpur, Jharkhand, India*	**2022 - Present**
Bachelor of Science • Honours in Mathematics (CGPA - 9.8)	**Bankura Christian College,** Bankura University	*Bankura, West Bengal, India*	**2019 - 2022**

Projects

- **PlacementPro (Placement Managing Portal)** [link]
  Developed a dynamic and user-friendly Training and Placement Cell website to streamline student career services. Implemented a robust backend system to manage student profiles, job postings, and application tracking, enhancing overall placement efficiency.
    - **Streamlined Applications:** Students can apply to over 50 companies easily, cutting application time by 70%.
    - **Enhanced Management:** Coordinators can track over 100 HR contacts, improving follow-up efficiency by 90%.
    - **Data Visualization:** Faculties can create detailed placement charts for 500+ students, boosting analysis accuracy by 80%.
- **2 Player Chess Game** [link]
  Developed a web-based chess game using HTML, CSS, and JavaScript, focusing on a minimalist design and intuitive user experience. The game attracted over 100 unique users and hosted 500+ game sessions within the first three months, demonstrating strong user engagement.
    - **User Engagement:** Achieved a 94% positive user rating during testing, reflecting high user satisfaction.
    - **Session Metrics:** Facilitated 500+ game sessions, indicating sustained user interest and interaction.
    - **Design and Usability:** Implemented a sleek and intuitive interface, enhancing the overall gaming experience for users.
- **Sudoku Game** [link]
  Developed an interactive and user-friendly Sudoku game using React, featuring multiple difficulty levels and an instant solver algorithm using recursion.
    - **Advanced Solver Algorithm:** Utilized a backtracking algorithm for the real-time solver, providing instant puzzle solutions and hints.
    - **Cross-Platform Compatibility:** Optimized the game for seamless performance on both desktop and mobile devices, ensuring accessibility for all users.

Achivements

- **LeetCode :** rating - **1670(max)**, Solved **350+** Problems handle - sayantan_bairagi
- **CodeChef :** rating - **1663(max).** Id - l3thal
- **GFG :** Solved **150+** Problems with the handle name - sayantan259
- **2023 ICPC participants :** Certificate

Extracurricular

- **Silver Medalist, All India Inter-NIT Volleyball Tournament 2023-2024:** Competed against 20 teams from NITs across India and achieved second place in a highly competitive tournament.
- **Gold Medalist, College Sports Fest:** Secured first place in the Long Jump and Won gold medal in Volleyball.