ANSHUMAN A SAHU

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Education

National Institute of Technology, Raipur   Aug 2023 – April 2027
- *B.Tech in Computer Science , CPI : 7.18*   *Raipur, Chhattisgarh, India*

Krishna Public School   July 2023
- *Class 12, CBSE, Percentage : 91.2*   *Nehru Nagar, Bhilai, Chhattisgarh*

Krishna Public School   April 2021
- *Class 10, CBSE, Percentage : 96.0*   *Nehru Nagar, Bhilai, Chhattisgarh*

Technologies

Languages: C, C++, Java, Python, JavaScript
Technical Skills: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Machine Learning
Developer Tools: Visual Studio Code, Git, GitHub, Eclipse

Achievements

- **CodeChef** - 2 Star (Max. Rating 1519)
- **LeetCode** (Max. Rating 1624): Solved 100+ Problems on Data Structures and Algorithms in LeetCode with a consistency of more than 80 days
- **Codeforces** - Newbie (Max. Rating 1064)

Projects

Portfolio [Github] : Tools & technologies used - HTML, CSS, Javascript
- Built a sleek portfolio website to highlight skills, projects, and achievements.
- Designed a professional layout to effectively present my work as a computer science student.

Expense Tracker [Github] : Tools & technologies used - MERN stack
- Developed a web app for user authentication, transaction management, data visualization, and budget tracking.
- Integrated RESTful APIs and deployed the application on cloud platforms using MongoDB Atlas

Glaucoma Detection [Github] : Tools & technologies used - Jupyter Notebook, ResNet-50
- Built a classification model using the pre-trained ResNet-50 architecture to differentiate between glaucomatous and non-glaucomatous fundus images.
- Applied transfer learning to fine-tune the model, achieving high accuracy even with a limited dataset.

Position Of Responsibility

Robotix Club   Nov 2023 – Present
- *Video Editing Executive*   *National Institute of Technology, Raipur*
- *Responsible for Video Editing*

Association of Computer Engineers(ACE)   Sep 2024 – Present
- *Design Executive*   *National Institute of Technology, Raipur*
- *Responsible for Design*