Utkarsh Dev

Patna, Bihar

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Education

Siddaganga Institute of Technology	**December 2021 - May 2025**
Bachelor of Engineering in Computer Science and Engineering(CGPA: 8.20)	*Tumakuru, India*
Satyam International School	**April 2020 - July 2021**
Senior Secondary(Percentage: 76)	*Patna, India*
DAV Public School	**April 2018 - May 2019**
Secondary(Percentage: 86)	*Patna, India*

Projects

Glaucoma Detection using DeepLearning | *Python,CNN*

- Developed a CNN-based model achieving over 90 percent accuracy in detecting glaucoma from retinal images, enhancing early diagnosis capabilities
- Designed an advanced image pre-processing pipeline incorporating normalization, augmentation, and segmentation techniques to improve model robustness and performance.

Student Management System | *C,Files*

- Developed a file-based student management system to efficiently handle student records, including addition, deletion, and updating of data.
- Implemented data persistence and retrieval functionalities using file handling techniques, ensuring reliable and secure storage of student information.

Railway Management System | *MySql*

- Designed and implemented a Railway Management System utilizing MySQL to manage train schedules, bookings, and passenger information.
- Developed SQL queries and procedures to facilitate data retrieval, updates, and reporting, enhancing the overall functionality and user experience of the system.

Password Generator | *HTML,CSS,JS*

- Designed a web-based Password Generator that allows users to create strong and secure passwords..
- It provides an easy-to-use interface where users can customize various parameters to create passwords that meet their specific requirements.

Certificate

- Advanced Data Structures and Algorithms - Geeksforgeeks
- Data Structures in C++ - Coding Ninjas
- Introduction to C++ - Coding Ninjas

Profile Links

- **Coding Ninjas**
- **GeeksforGeeks**

Technical Skills and Interests

Languages: C++, C, HTML,CSS, JavaScript,Python

Technologies:Mongodb,MySQL

Tools: VS Code, GitHub

Relevant Coursework: Data Structures and Algorithms, Database and Management System with SQL, Object Oriented Programming ,Operating System

Soft Skills: Communication, Teamwork,Problem Solving,Leadership Quality,Event Management