ASHU JHA

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Education

Bharati Vidyapeeth College of Engineering   **2023 - 2027**
- B.tech ECE **sgpa: 8.96**

Mamta Modern School   **2020 - 2022**
- *CBSE (Class XII), Aggregate: 83.2%*

Sun Shine Prep High School   **2008 - 2020**
- *CBSE (Class X), Aggregate: 94%*

Skills

C++ | C | Python | JavaScript | React | Flask | Django | Pandas |Numpy | Linux | Git | Deep Learning | CNN |Machine Learning |Mysql

|Computer Vision |

Projects

Drishyam: Real-Time Environmental Awareness for the Visually Impaired   **Apr'24**

1. Project Brief:
- Spearheaded the development of "Drishyam," an innovative application utilizing cutting-edge computer vision, artificial intelligence, and deep learning algorithms to provide real-time environmental awareness for visually impaired individuals, enhancing their situational awareness and navigation.

2. Learning Outcomes:
- Strengthened proficiency in computational sign linguistics and advanced machine learning methodologies by actively engaging in collaborative problem-solving activities during the development of "Drishyam."

ImageElevate SuperResolution   **Mar'24**

1. Project Brief:
- Assisted in creating "ImageElevate SR," a GAN-based super-resolution project aimed at enhancing image quality in anime and digital art. Utilized advanced deep learning methods to achieve substantial improvements in image clarity and detail.

2. Learning Outcomes:
- Gained practical experience with GANs and image super-resolution techniques while working on "ImageElevate SR." Improved skills in model design, training, and optimization through collaboration with a teammate.

Hackathon website for college society   **Jan'24**

1. Project Brief:
- Developed a responsive website for the college society using HTML, CSS, JavaScript, and the React framework. Added interactive elements and improved communication channels to boost engagement and simplify event management within the society.

2. Learning Outcomes:
- Deepened expertise in front-end web development by mastering HTML, CSS, and JavaScript for an intuitive user interface. Advanced skills in React, utilizing components and state management for efficient development and better user experience.

Academic and Extracurricular Achievements

- Reached National level junior science congress
- Taekwondo Player
- Drishyam, our project, won the Summer Hack organized by IOSC BVP

Positions of Responsibility

INTEL OneAPI Society | CONTENT & DOCUMENTATION   **Sept'23 - Present**