Jhasaketan Prusty

Roll No.:2018853
B.Tech 2025
Computer Science and Engineering
Graphic Era (Deemed to be University),
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Github | Portfolio

Linkedin.com

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Graphic Era (Deemed to be University)	8.12 (Current)	2023-24
Senior Secondary	Delhi Public School,Ranipur,Haridwar	91.4%	2021
Secondary	Delhi Public School,Ranipur,Haridwar	92.0%	2019

EXPERIENCE

- **Intrainz** *Dec 2023 - Jan 2024*
  Data Science Intern (Remote) Bangaluru , Karnataka
- **Teachnook** *Apr 2024 - May 2024*
  Data Science Intern (Remote) Bangaluru , Karnataka

PROJECTS

- **Some project** *Jan. 2023 - 2024*
  Location Github

  –**Predictions**: Conducted future prediction analysis using advanced algorithms such as Random Forest and Gradient Boosting. Successfully predicted item outlet sales data with an accuracy rate of 90%, emphasizing ensemble techniques and feature engineering to enhance model performance.

  –**Online Retail Recommendation System**: Using seaborn and pivot table for predicting the recommendation of popular items globally, countrywide, and month-wise.

  –**Image-to-image traslation using GANs**: Using PyTorch and TensorFlow, I developed a model to generate digital images that closely replicate the original dataset, achieving an accuracy rate of 80%.

  –**Image Segmentation for Tumor Detection**: Developed a robust neural network model for precise tumor detection in medical images. Utilized advanced image segmentation techniques to achieve high accuracy in identifying and localizing tumors, with an accuracy rate of 92-95%.

  –**Denoising of Image using Deep Learning**: This project involved the design and implementation of a convolutional autoencoder architecture using state-of-the-art deep learning frameworks such as Keras with TensorFlow backend.

  –**Group Face Emotion Detection using Deep Learning**: Enabling real-time analysis of emotions across multiple faces in images. Leveraged advanced neural network architectures to accurately recognize and classify emotions having 85-90% accuracy.

  –**Personal portfolio website**: Developed a responsive web page using HTML, CSS for the front end, and JavaScript for the back end. The content includes information about myself, my services, and my work.

SKILLS

- **Programming**: Python, C/C++, Java, mySql.
- **Hands-on**: Ploting and Analysing Graphs | Projects related to Images.
- **Operating Systems**: Windows, Linux, MacOS.
- **Non Technical**: Good at analyzing work, Fine and Strong Decision making, Confident, Calm mind .

KEY COURSES TAKEN

- **Python for Data Science and Machine Learning Bootcamp**: NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-Learn, Tensorflow.
- **Microsoft Power BI Desktop for Business Intelligence**: Connecting, Shaping, and Visualizing data using reports.
- **Programming -Beginner to Advance- Deep Dive in C++**: Good command of OOPs and Exception handling.

ACHIEVEMENTS

- **JEE Mains 2021**, Secured **92** percentile *2021*

EXTRACURRICULARS

- **1st position**, Painting competition on Environment Day
- **2nd position**, District Level Painting Competition(2018)
- **2nd position**, Badminton Tournament District Level