

NAVYA YADAV

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Education

Indian Institute of Information Technology, Lucknow

Bachelor of Technology in Computer Science; CGPA: 8.24

Lucknow, UP

Dec. 2020 - June 2024

Kendriya Vidyalaya No-1 Army

Class XII, Central Board for Secondary Education; Percentage: 92.6

Jodhpur, Rajasthan

2019

Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOPS
- Machine Learning
- Operating System
- Database Management
- Deep Learning
- Software Engineering

Experience

Illumine Knowledge Resources

Jan 2024 – Present

Software Development Engineer Intern

- Developed data analytics dashboards with Retool, leveraging Python for dataset preparation. Utilized OpenAI models, Langchain, and HuggingFace for data translation and mapping. Implemented Pinecone for efficient vector search functionality.
- Developed a user interface for creating Interventions Setup in Database using Next.js and React.js, Tailwind CSS and developed the backend for the same using Python, Django Framework and MongoDB database for storing the data.

Projects

Online Auction System 🔗 | React, Express, Socket.io, Axios, MongoDB, FireBase, HTML, CSS, Javascript May 2023

- Developed an auction system with real-time bid updates in which users can both bid and sell products through a competitive bidding process. Implemented **Socket.io** for real-time bid updates.
- Deployed on Vercel under the name **DealSteal** 🔗 illustrating effective hosting for the website.

Driver Drowsiness Detection System 🔗 | Python, Convolutional Neural Network, OpenCV, StreamLit, SVM Dec 2022

- Using Machine Learning, Deep Learning and Computer Vision, the system analyzes the facial expressions of users in real-time to detect signs of drowsiness in them and alert them with alarm to ensure their safety
- Special Feature: Implemented this system using mobile phone camera via Webcam IP application

Multiple Disease Prediction 🔗 | Python, Logistic Regression, SVM Oct 2022

- This project aims to predict future Diseases such as Heart Disease, Parkinson's, and Diabetes by analyzing data of patients which classifies whether they have heart disease or not using the machine-learning algorithm.
- Deployed on Streamlit under the name **multiple-disease-pred** 🔗 illustrating effective hosting for the website.

Technical Skills

Languages: C, C++, Python, HTML, CSS, JavaScript, ReactJS, Express, Java, SQL, MySQL

Technologies/Frameworks: NextJS, NodeJS, Linux, MongoDB, GitHub, VS Code, Google Cloud Platform, Android Studio

Achievements

- **Google Kickstart 2022 Round D:** Achieved a global rank of **1662** out of 10000+ participants.
- **Google Kickstart 2021 Round F:** Achieved a global rank of **2960** out of 11000+ participants.
- **Google Code Jam 2022:** Solved algorithmic problems to qualify till **Round 1**.
- **Coding Profiles:**
 - * **Leetcode** : Max Rating- 1850 Username : **lci2020046** 🔗
 - * **Codeforces** : Specialist (1405) Username : **CodeForces** 🔗
- Solved a total of **1000+** coding problems on various coding platforms.
- **JEE:** Ranked **18153** among over 1.2 million applicants in JEE(Main) 2020 examination.

Leadership / Extracurricular

- * **Table Tennis Lead, Sports Club (Eifer) - IIITL**
- * **Senior Member, Photography Club(AfterDark) - IIITL**