ANURAG YADAV

Lucknow, Uttar Pradesh

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EDUCATION

Khwaja Moinuddin Chishti Language University **July 2019 – June 2023**
Bachelor of Technology Computer Science And Engineering - ***CGPA - 9.2/10.0*** *Lucknow, Uttar Pradesh*

Baby Martin Public School **2017-2018**
Intermediate (PCM) - Percentage 78.8% *Lucknow*

PROJECTS

Dog Vision | *(Deep Learning)* **June 2022**

- Trained a Deep Learning Model using **transfer learning** which can **identify up to 120 breeds of Dog**.
- Used upto **10,000** dog images as data-points, **Python**, **Numpy**, **Matplotlib** for data prepossessing, used **TensorFlow** library, **Google's mobile-net v2 Convolutional Neural Network** as Deep Learning Model for classifying breed of dogs, used Google Collab's GPU instead of CPU which reduces the training time upto **40 times**.
- Model can able to predict breed of dog with **90% accuracy** on test dataset.

WhatsApp Clone | *(Web Development)* **Dec 2021**

- Developed a **chatting web application** which enables multiple users chat with each other.
- Used **HTML** and **CSS** to develop frontend, used **JavaScript**, **NodeJs** to create server and **socket.io** for bi-directional communication between client and server.

Zoom Clone | *(Web Development)* **July 2021**

- Created a clone of Zoom Application which enables **videotelephony** between multiple users.
- Used **EJS** and **CSS** for frontend, used **JavaScript**, **NodeJs** and **ExpressJs** to create server, socket.io, for bi-directional communication between client and server.

Heart Disease Predictor | *(Machine Learning)* **Jan 2020**

- Created Machine learning model which can predict **whether the person have heart disease or not**.
- Used **Python**, **Pandas**, **Numpy**, **Matplotlib** for data preprocessing and data visualization, used **scikit-learn** to import **Random Forest Classifier model**, splitting dataset and for eavaluation matrices.
- Model can able to predict heart disease with **88% accuracy** on test dataset .

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript
Technologies/Frameworks: HTML, CSS, NodeJs, ExpressJS, ReactJs, MongoDB, SQL, Pandas, Numpy, Matplotlib, Scikit-Learn
Developer Tools: VS Code, Git, Github, Conda, Anaconda, Jupyter Notebook, Google Colaboratory

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Operating Systems
- OOPS Concept
- Machine Learning and Deep Learning
- Database Management System
- Web Development
- Computer Network

ACHIEVEMENTS

- Secured **rank** Under **500** among **30,000** candidates and won a full scholarship at **Amazon Deep Racer** by training a self-driving car model in Amozon's virtual car racing environment on AWS which can able to complete **3 laps** in under **6 minutes**.
- Solved Over **500+ DSA questions** on **Leetcode**, **Hackerrank**, **Geek For Geeks.**
- Secured **top 5 rank** among **68 students** in **KMCL University Lucknow** in BTech CSE Department.

POSITIONS OF RESPONSIBILITY

- **President of Coding Club** at **KMCL University Lucknow**, responsible for organising weekly and monthly contests, evaluating performance as well clearing Algorithmic problem related doubts of students of various Departments.
- **Head Boy** of **Baby Martin Public School**, responsible for managing and maintaining codes of conduct among **200 students** of High School.
- **Captain** of Baby Martin Public School's **Football Team**, pushed team's ranking from **number 14** on leaderboard to **number 3** among **20 School Teams** under the span of **4 months** of captaincy.