 A person wearing glasses and a tie

Description automatically generated with medium confidence

**AJAY KUMAR**

B. Tech – Computer Science Engineering

E-mail ✉️: [a.kumar01c@gmail.com](mailto:a.kumar01c@gmail.com)

Contact: +91- 6397053766

[GitHub](https://github.com/Ajay1812) | [Portfolio](https://ajay-portfolio-01.streamlit.app/)

**Educational Qualification**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree/Examination** | **Institution/Board** | **CGPA/Percentage** |
| 2022 | B. Tech (CSE) | Hindustan College of Science & Technology, Farah, Mathura | 76.7 % |
| 2018 | Class XII | Madan Mohan Kalawati  Sarraf SVM, Mathura, CBSE | 59.83 % |
| 2016 | Class X | Madan Mohan Kalawati  Sarraf SVM, Mathura, CBSE | 7.00 |

**Internship Experience**

* **CafeLink – Web Application, Agra:** *June 2021 – July 2021*

During my internship at BCS Infallible Technology, I developed CafeLink, a web application built with ReactJS. The purpose of CafeLink is to provide a central platform for local cafes to connect and advertise their menus, reviews, ongoing events, offers, and more. This helps local cafes improve their brand value and generate additional revenue. I used MySQL with PHP to manage the database for storing and organizing the data.

**Project Work**

* **Major Project**

**Sign Language Translator:** *Sep 2021 –**May 2022*

The objective of this project is to detect the hand gestures from the Camera Input to understand the hand sign. **LabelImg Package** from Python is used to make the labelled dataset for a deep learning algorithm **(CNN)** as training data. The variation of accuracy of detection is between 65 and 90 %.

* **Other Projects**

**Heat flow prediction of PCMs using Machine Learning Algorithms:** *July 2022*

The objective of this project is to recognize hand gestures using camera input. We used the LabelImg package in Python to label the dataset for training a convolutional neural network (CNN) as the model. The accuracy of the detection varies between 65% and 90%.

**WhatsApp Chat Analyzer:** *Dec 2022*

A WhatsApp chat analyzer is a tool that allows you to analyze the messages in a WhatsApp chat and extract various statistics and insights from the data. This can be useful for understanding how a group of people communicate with each other.

**Technical Skills**

* Programming Languages : Python, SQL, C.
* Development : HTML, CSS, JavaScript, React JS, Streamlit.
* Other Software : Jupyter, Power BI, VS Code, Git, MS-Excel.

**Positions of Responsibility**

* **Team Leader**

In a one-month internship at BCS Infallible Technologies, Agra, I was the team leader. To meet the deadlines, my duties included assigning work to team members, taking the follow-up, and finishing my own job.

**Certifications**

* Completed an online course on **Hands-On Machine Learning** with Python language.
* Completed online courses on **Python for Everybody** & **Python Data Structures** offered by the University of Michigan in **Oct 2021** onCoursera.
* Completed an online course of **HTML, CSS, and JavaScript for Web Developers** offered by Jhon Hopkins University on Coursera in **Apr 2021**.