# **Kunal Chandra**

## New Delhi, Delhi

# **Experience**

# Bizplus4u

Frontend web developer

2<sup>nd</sup> December 2024-28<sup>th</sup> February 2025

- **Frontend Development Skills** Gained hands-on experience in HTML, CSS, JavaScript, and responsive design while building an e-commerce platform.
- **UI/UX Enhancement** Worked on improving user interface and experience to ensure a smooth shopping journey for customers.
- **API Integration** Integrated backend APIs for seamless product display, user authentication, and cart functionality.
- **Performance Optimization** Optimized website speed and responsiveness for better user engagement and SEO ranking.

## **Technical Skills**

Languages: Python, Java, C, JavaScript, HTML, CSS

**Developer Tools**: Jupyter Notebook, VS Code, GitHub, Anaconda, Google Colab

Frameworks & Libraries: Scikit-learn, TensorFlow, Keras, PyTorch, ReactJS, Node.js, Express.js

Technologies: Pandas, NumPy, Matplotlib, Seaborn, OpenCV, NLTK

Databases: MongoDB, MySQL, SQL

**Other Tools:** Flask, Streamlit, Docker, Git, Bootstrap, REST APIs

## **Project**

#### Sentiment Analysis on IMDB Movie Reviews | Link

- Developed a Sentiment Analysis model using LSTM networks to classify IMDB movie reviews as positive or negative, achieving ~85% accuracy.
- Utilized Python, TensorFlow/Keras, NLP, Scikit-learn, Pandas, NumPy, and Gradio for UI integration.

## Image Classification using CNN | Link

- Developed an image classifier using a Convolutional Neural Network (CNN) trained on the CIFAR-10 dataset to classify images into 10 categories.
- Implemented in TensorFlow/Keras with Conv2D, MaxPooling, Batch Normalization, and Dense layers for accurate predictions.

#### Customer Churn Prediction using ANN | Link

- This project builds an Artificial Neural Network (ANN) model to predict customer churn using a dataset containing customer subscription details.
- Its trained on structured data after preprocessing categorical variables, standardized numerical features.

#### **Education**

**Haridwar University** 

September2023 – June 2027

Roorkee-Uttrakhand

Bachelor in Computer Science

CGPA:8.37

Sam International School

**Schooling** 

Class XX:94% CLASS XII:76.4

# Certifications

# Programming in Java (Elite) – NPTEL, IIT Kharagpur

July-October 2024

- Conducted by: Indian Institute of Technology Kharagpur via SWAYAM (Funded by MoE, Govt. of India)
- Credential: Elite Certificate with 63%.
- Core concepts of object-oriented programming using Java
- Exception handling, multithreading, and Java I/O and Basics of networking and JDBC
- Enhanced coding, debugging, and software design skills in Java and Basics of networking and JDBC.
- Link

#### Full Stack Web development Course-Apna College

June 2023-September 2023

- Gained valuable experience in creating frontend projects using technologies such as HTML, CSS, JavaScript, and React, Redux, Redux-Toolkit, Express.js, MongoDB, Developer Tools.
- Made projects Like Spotify clone, todo list, Simon game and many more.
- Link

#### DSA with Java Course-Apna College

December 2023-April 2024

- Gained valuable experience in Java and using data structures in it.
- Link

## **Tata Cybersecurity Security Analyst Job Simulation on Forage-TCS**

January 2025

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.
- Link