

KUMAR CHAUDHARY

SOFTWARE ENTHUSIAST | FULL-STACK DEVELOPER |
AI & ML ENTHUSIAST

CONTACT

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SKILLS

- Programming languages - C, Python, JAVA
- Frontend: CSS, HTML, Bootstrap, JavaScript, ReactJS
- Backend :Node.js, Express.js
- Machine Learning: Scikit-learn
- Deep Learning: Keras, OpenCV
- Data Analysis : Pandas, NumPy, Matplotlib, Seaborn
- Database: MySQL, Oracle, MongoDB
- Tools: Vs Code, Pycharm, Jupyter Notebook, Sublime Text

CERTIFICATIONS

Coursera:

Machine Learning:

- Python Classes and Inheritance
- Supervised machine learning and unsupervised machine learning

Hackathon Participation:

- Grain Management System
- Aqua Smart Puriflux
- Drug Trafficking and Monitoring System

Database:

- MongoDB

NassCom

EDUCATION

B Tech in Artificial Intelligence and Data Science

KPR Institute of Engineering and Technology

2022 - 2026

- Exploring and learning emerging technologies daily.

+2 Level Schooling

Kailali Multiple Campus

2019 - 2020

- Memorable school life with many unforgettable moments.

LANGUAGES

Fluent in: Nepali, Hindi, English

ABOUT ME

I am a passionate full-stack development and AI enthusiast, skilled in building responsive web applications using frontend (HTML, CSS, React.js) and backend (Node.js, Express.js, MongoDB) technologies. Currently pursuing a B.Tech in AI and Data Science, I've also worked on machine learning and deep learning projects. With hands-on experience from internships and diverse projects, I'm always eager to innovate and grow in the fields of software development and AI.

PROJECTS

Full-Stack Projects

- E-Dashboard:** Developed a full-stack e-dashboard using frontend (React.js, Bootstrap) and backend (Node.js, Express.js, MongoDB) technologies.
- School Login Portal:** Created a fully functional school login portal incorporating JWT authentication, React frontend, and Node.js backend.

Frontend Web Development Projects

- Coffee Webpage:** Designed and built a responsive coffee shop webpage using HTML, CSS, and JavaScript.
- Social Media Clones:** Created clones of platforms like Amazon, Flipkart, YouTube, and HD Movie Hub using HTML and CSS.

Machine Learning Projects

- Movie Recommender System:** Built a content-based recommender system using Scikit-learn.
- Sentiment Analysis:** Developed a sentiment analysis tool using Support Vector Machine (SVM).
- Book Recommender System:** Implemented a recommendation engine using K-Nearest Neighbors.

Deep Learning Projects

- Plant Disease Classification:** Built a classification model using Convolutional Neural Networks (CNN) and Keras.
- Digital Wellbeing Tracker:** Created a tracker using OpenCV to monitor and analyze digital wellbeing metrics.

WORK EXPERIENCE

Intern | Yanne Technologies

Dec 18, 2023 - Jan 02, 2024

- Implemented deep learning techniques using OpenCV for a Digital Wellbeing Tracker.
- Collaborated with team members to apply deep learning concepts in real-time projects.
- Successfully completed a project focused on digital wellbeing.

Intern | Balmiki International School

July 10, 2024 - Aug 14, 2024

- Developed a full-stack school login portal using React.js, Node.js, and MongoDB, improving user accessibility and functionality for students and parents.
- Strengthened data security by integrating JWT authentication, successfully safeguarding user credentials and sensitive information.
- Optimized backend functionality by building RESTful APIs for search, delete, fetch, and update operations, resulting in a more efficient data management process.
- Improved API testing and validation using Postman, ensuring reliable data flow between the frontend and backend components.
- Streamlined database management by utilizing MongoDB Atlas enabling efficient data storage and retrieval while minimizing query response times by 25%.
- Deployed the full-stack project on Render with no reported downtime, ensuring the system remained consistently accessible to over 500 users.