



Ankit Kumar Singh

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Education

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	7.8/10
B.Tech in Information Technology	upto 5th Sem
J D Public School, Bihar	82%
CBSE – Class XII	May 2021
School of Creative Learning, Bihar	89%
CBSE – Class X	May 2019

Experience

VirtualConnect: Empowering Online Conferences through a Web Application May 25 - July 25

- Developed a full-stack web application “VirtualConnect” to streamline online conferences, integrating real-time video, chat, and scheduling features.
- Implemented using React.js and Node.js with MongoDB, enabling seamless user authentication, multimedia interaction, and remote collaboration.

Projects

Fina — HTML, CSS, Javascript, Python

- Developed a responsive web interface for FINA, a personal finance management application, focusing on enhancing user experience. Key features include a sidebar navigation system and theme switching capabilities..
- Implemented wallet setup features, customizable transaction categories, and dashboards for users to track and analyze their financial activities, including income, expenses, and cash flow..

Heart Disease Prediction Web App —Python, Pandas, Streamlit , Scikit-learn April 2025 [Link](#)

- Developed a Streamlit web application that predicts heart disease risk using a Random Forest Classifier trained on the UCI Heart Disease dataset, enabling real-time health assessments based on user inputs.
- Implemented data preprocessing with StandardScaler and used Pandas, NumPy, and Scikit-learn to build a scalable, accurate ML model — deployed seamlessly on Streamlit Cloud.

Technical Skills

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, FastAPI, Pandas, NumPy, Django , Matplotlib

Tools: Git, VS Code, Jupyter Notebook

Achievements

- Earned certification in “Introduction to C++” , strengthening core programming and OOP skills.
- Completed “Basics of Data Structures and Algorithms” certification on 8th December 2024, enhancing problem-solving and coding proficiency.
- Successfully completed an 8-week Full Stack Web Development internship at Innovate Intern and developed “VirtualConnect” — a real-time online conferencing platform.
- Completed HP LIFE’s “Data Science Analytics” course, gaining foundational skills in data-driven practices and analytics tools (Oct 2024).