

Abhishek Kumar Singh

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Education

United College of Engineering and Research

B.Tech in Computer Science and Engineering (Percentage:72.5/GPA:7.55)

Expected May 2025

Prayagraj, Uttar Pradesh

Saint John's Academy

May 2020

Intermediate (Percentage:86)

Prayagraj, Uttar Pradesh

Saint John's Academy

May 2018

High School (Percentage:90.2)

Prayagraj, Uttar Pradesh

Projects

Personal Portfolio Website | HTML,CSS,Javascript,React.js,Node.js,React.js

May 2022-June 2022

- Created a personal portfolio website comprising 5 dynamically linked pages, utilizing HTML, Tailwind CSS, JavaScript, and React.js.
- Implemented a full-stack architecture, incorporating front-end and back-end technologies to ensure seamless functionality. Utilized React.js for the front end and Node.js with Express.js for the back end, resulting in a cohesive user experience across all sections.
- Developed user-friendly sections including a skills matrix with 15+ technologies, a detailed education background, and a project portfolio featuring 10+ projects. Designed the website with a minimalist aesthetic and optimized performance, achieving an average load time of under 3 seconds.

ChatBox-Real time chat application | React Js, Node.Js, Socket.IO, MongoDB

August 2023-September 2023

- Real-time Chat Application using MERN stack and Socket.IO.
- Back-end built with Express.js and Node.js to handle over 1,000 REST API requests per minute and WebSocket communication.
- Front-end developed with React.js and handled data storage and retrieval with MongoDB, ensuring efficient management of over 10,000 chat messages and user profiles.

VerdictEye-Predict Court Judgements | Python,Natural Language Processing,Machine learning

May 2024-Ongoing

- Applied NLP techniques to extract relevant features from textual descriptions of criminal incidents.
- Implemented data preprocessing and visualization using Pandas and Matplotlib.
- Tested and refined initial machine learning algorithms, achieving an accuracy improvement of 15% in predicting incident categories.

Skills

Programming Languages: Java,C,Javascript,Python

Data Structures and Algorithm: Proficient in designing and implementing efficient data structures and algorithms for problem-solving and optimization

Web Development: HTML,CSS,Node.js,MySQL,Mongo DB

Frameworks: React.js,Next.js

Machine Learning: Machine Learning,Data Preprocessing,Data Visualization,Natural Language Processing(NLTK,Hugging Face)

Soft Skills::Leadership,Team Work,Problem Solving,Effective Communication

Training

Summer Training in Core Java | United College of Engineering and Research

June 2022

- Completed Core Java training with expertise in problem-solving, Java Swing, and JFrame GUI development.

Summer Training in Web Development | IIIT Allahabad

August 2023

- Acquired proficiency in HTML, CSS, and JavaScript through comprehensive web development training.

Achievements

- Achieved a global rank of 2,279 in TCS CodeVita Season 11, showcasing strong problem-solving skills and proficiency in competitive programming.
- Secured 1st place in the Debugging Quiz at United College of Engineering and Research, outperforming 300 participants and demonstrating exceptional debugging and analytical abilities.