

AVIRAL KUMAR

Lakhimpur Kheri, Uttar Pradesh

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EDUCATION

ABES Institute Of Technology

Bachelor of Technology in Computer Science and Engineering

2021 – 2025

Ghaziabad, Uttar Pradesh

Saraswati Vidya Mandir Inter College

*12th Science (PCM) - **Percentage - 73.2%***

2021

Gola Gokarnnath Kheri

Saraswati Vidya Mandir Inter College

*10th Science - **Percentage - 79.2%***

2019

Gola Gokarnnath Kheri

Technical Skills

Languages: Python, Java, JavaScript

Backend: Node.js, Express.js

Frontend: React, HTML, CSS, Bootstrap, TailwindCSS,

Databases: MYSQL, MongoDB

Developer Tools: VS Code, IDE, GitHub, Git

Technologies : AI, ML

Skills : Operating System, OOPS Concepts

PROJECTS

Weather Application

02–2024

- Developed a fully responsive weather web application using HTML for structure, CSS for styling, and vanilla JavaScript for logic and interactivity.
- Integrated real-time data using OpenWeather API to fetch live weather conditions based on user-input city or geolocation.
- Displayed dynamic weather information such as temperature, humidity, wind speed, pressure, sunrise/sunset, and weather conditions with corresponding icons.

WanderLust

08-2024

- Developed a comprehensive full-stack application enabling users to Create, Read, Update, and Delete travel listings and associated reviews.
- Leveraged Node.js, Express.js, MongoDB, and EJS for building dynamic, server-rendered pages with real-time data handling.
- Utilized MongoDB Atlas for cloud-based database hosting and Mongoose ODM for schema validation and database operations.
- Applied modern UI design with responsive layouts using Bootstrap and custom CSS for mobile compatibility.

Apna Video Conference |

06-2025

- Designed a real-time communication platform supporting multi-user video and audio calls using the MERN stack and Socket.IO for event-driven signaling.
- Integrated WebRTC to enable peer-to-peer media streaming with low latency, supporting camera and microphone data exchange directly between clients.
- Enabled room-based conferencing, real-time join/leave notifications, mute/unmute toggling, and embedded live chat functionality. `resumeItemEmployed` Socket.IO namespaces and custom events for managing isolated sessions and maintaining performance in concurrent rooms.

ACHIEVEMENT

- Completed comprehensive **DSA** and **Full Stack Development** courses from **Apna College**, covering algorithms, data structures, backend, and frontend technologies.
- Completed **Front-End Developer** course from **Coding Ninjas**, focusing on HTML, CSS, JavaScript, React, and responsive design.
- Introduced to **Java programming** through the **Coding Ninjas** course with foundational concepts and practical exercises.