Sandeep Kumar

Roll No.: 2200270130150 Bachelor of Technology

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# **EDUCATION**

Bachelor of Technology in Information Technology

Ajay Kumar Garg Engineering College Ghaziabad (AKTU)

•Senior Secondary (Class XII)

Jawahar Navodaya Vidyalaya Sonebhadra, CBSE

•Secondary (Class X)

Jawahar Navodaya Vidyalaya Sonebhadra, CBSE

2022 - 2026

2021

CGPA: 8.09, Percentage: 80.44%

Percentage: 89.6%

2019

Percentage: 89.8

## Personal Projects

# Airline Booking System

A full-stack airline ticket booking platform with real-time seat selection and payment integration. [GitHub Link]

- Built a scalable airline booking system allowing users to search flights, select seats, and book tickets.
- Developed RESTful APIs using Node.js and Express for user authentication, flight management, and bookings.
- Designed a responsive frontend using React.js and Tailwind CSS for real-time user interaction and seat selection.
- Integrated MongoDB to manage user profiles, flight data, and booking records.
- Deployed the application on AWS for backend services and S3 for frontend hosting.
- Implemented secure login with JWT authentication and ensured consistency with MongoDB transactions.
- Technologies Used: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, AWS (S3).

## •E-commerce App

An online shopping platform with a seamless UI and product management. [GitHub Link]

- Developed a responsive e-commerce website allowing users to browse, search, and purchase products.
- Implemented dynamic UI components using React.js and styled with tailwind.
- Integrated cart functionality and user experience improvements.
- Technologies Used: React.js, tailwind, JavaScript.

# TECHNICAL SKILLS

Languages: C, C++, JavaScript

Libraries & Frameworks: React.js, Node.js, Tailwind CSS

Databases: SQL, MySQL, MongoDB

Tools & Platforms: VS Code, Git, GitHub, AWS Testing & Deployment: Deployment via AWS

Areas of Interest: Full Stack Web Development, UI/UX Design

#### ACHIEVEMENTS

• Cybersecurity virtual trainings certified by Infosys Springboard.

# PERSONAL TRAITS

- Quick learner, team player, and adaptable to new technologies.
- Strong problem-solving and communication skills.

### Positions of Responsibility

## • Value Education Cell Member Organized Earth Day Event and Diwali Fair

2024

- Collaborated with the Value Education Cell to organize the Earth Day event with participation from NGOs like Nest of India.
- Conducted nature-themed games and activities promoting environmental awareness, engaging nearly 300 attendees.
- Helped raise over 20,000 in entry fees through eco-focused initiatives.
- Participated in the college Diwali Fair by promoting and selling eco-friendly products handcrafted by college support staff, helping generate 6,000 in revenue that directly benefited them.