

Avantee Singh

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science Engineering

Bhopal, MP

Aug. 2021 – Ongoing

CGPA 8.09/10

TECHNICAL SKILLS

Languages: C++, HTML, CSS, JavaScript (ES6+), SQL

Frameworks/Libraries: Bootstrap, Express.js, Node.js, React.js

Other Technologies/Tools: CI/CD, Git, Google Cloud Platform, Docker, MongoDB

PROJECTS

Gemini 2.0 | *React.js, Node.js, Google Gemini API*

March 2025 – April 2025

- Developed a clone of Google Gemini using React.js, Node.js, and integration with Google's generative AI API to process user prompts and provide AI-driven responses.
- Implemented state management and context API in React to efficiently handle AI response data and manage global application state.
- Created a fully responsive UI using React and modern web development best practices to enhance user experience while interacting with the AI model.
- Built API integrations with Google's Gemini API for natural language processing tasks, ensuring smooth communication between the frontend and backend.

Tomato - Food Delivery | *MERN Full Stack*

Feb 2025 – Mar 2025

- Developed a full-stack food delivery web application using React.js for the frontend, Node.js and Express for the backend, and MongoDB for efficient data storage and management.
- Integrated Stripe payment gateway to securely process payments, allowing users to place orders and complete transactions seamlessly.
- Designed and implemented RESTful APIs to handle user authentication, order management, and real-time updates between customers and the backend.
- Implemented a responsive and user-friendly UI with React to ensure a smooth user experience on both desktop and mobile devices, enhancing accessibility and performance.

Art Gallery Website | *MERN Full Stack*

Nov 2023 – Dec 2023

- Designed and developed Fusion Gallery, an interactive MERN stack platform for virtual art exhibitions, enabling seamless artwork discovery, curation, and user engagement.
- Implemented a scalable backend using Node.js, Express.js, and MongoDB, with structured APIs, authentication layers, and middleware for efficient content management and security.
- Engineered an intuitive frontend using React.js and Material-UI, incorporating personalized user experiences, optimized image delivery, and responsive UI for enhanced accessibility.
- Optimized performance and scalability, implementing progressive loading, efficient data fetching strategies, and cloud-based image processing, ensuring seamless platform responsiveness.

CERTIFICATIONS

- Associate Cloud Engineer, **Google Cloud**, Mar 2024
- Google Cloud Computing Foundations **Google Cloud**, Dec 2023
- MERN Full Stack Internship **ETHNUS (Codemithra)**, Dec 2023

EXTRACURRICULAR

- **Techkriti'22:** Participant in Techkriti'22 IIT Kanpur, contributed to open source projects.(Feb'22)
- **JECRC Cloud Summit'22:** Participant in JECRC Cloud Summit'22, acknowledged the foundations of Cloud Computing.(Oct'22)
- **Coding:** Maintaining **220+** streaks in **LeetCode** and **175+** streaks in **GeeksForGeeks** platform.