

Anant Kapoor

Software Developer — Portfolio

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Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science Engineering (CGPA: 9.07)

Amravati, Andhra Pradesh

September 2022 - May 2024

City Montessori School

X(ICSE) - 93.2%

XII(ISC) - 95.25%

Lucknow, Uttar Pradesh

2020

2022

Experience

MERN Stack developer

- Developed and maintained web applications leveraging MongoDB, Express, React, Node.js and Next.js framework.
- Implemented robust user authentication mechanisms to ensure secure access and data protection.
- Designed and developed responsive UI components to enhance user experience and accessibility.
- Enhanced user engagement through thoughtful design and efficient application deployment.
- Continuous contribution to open source community.

Event Manager | Haryana Association

- Organized and managed cultural events, fostering community engagement ensuring smooth execution.

Marketing Team member | NextGen Cloud Club

- Executed marketing strategies to promote technical activities increasing member engagement and event attendance..

Projects

Video Streaming Platform (FlickerTV) | MongoDB, Express.js, Node.js

- **Live Demo:** <https://docs.google.com/document/d/1WaHNE1V7XCRYfgpm3GaGO8PrmaWYfZslrJ-b35h80s/edit?usp=sharing>
- Built backend of video streaming platform using Express.js and Node.js ensuring production level code practices.
- Implemented RESTful API enables efficient, secure data interactions and microservices integration.
- Enforced User authentication powered by bcrypt and JSON Web Tokens for robust security.
- Mongoose ensures seamless, flexible data management with MongoDB and Cloudinary.
- Integrated advanced pagination and aggregation pipelines optimize performance and data retrieval also used Multer for video upload efficiently.
- Developed responsive and dynamic frontend using React, Tailwind and React query to efficiently manage server state and data fetching.

Blog Posting App (FunBlog) | React, Tailwind CSS, Appwrite

- **Live Demo:** <https://fun-blog-orcin.vercel.app>
- Build a dynamic blog posting website using React.js and tailwind.
- Implemented React Hook Form, Redux, and React Router for form management, state handling, and navigation.
- Utilized Appwrite for database management, ensuring efficient retrieval and manipulation of data within the application.
- Deployed using vercel ensuring responsive and engaging platform.

Music Academy App (JazzAcademy) | Next.js, MongoDB, Tailwind CSS, Typescript

- **Live Demo:** <https://jazz-academy.vercel.app/>
- Deployed a Nextjs Music Academy App that allows users to browse multiple music courses, techniques and instructors.
- Implemented user authentication using JSON Web Tokens, Bcryptjs for password encryption-decryption and MongoDB for data management.
- Integrated RESTful API to efficiently fetch data from external sources, developed custom API routes for handling POST and GET requests, ensuring efficient communication between the client and server.
- Demonstrated proficiency in front-end development technologies such as Nextjs, Tailwind CSS UI library i.e Aceternity UI, enabling the creation of static and responsive user interfaces for the Music Academy App.

Technical Skills

Languages - C, C++, Javascript

Technologies and Tools - HTML5, CSS3, Tailwind CSS, React, Redux Toolkit, React Query, Express.js, Node.js, MongoDB, Git Version Control, Appwrite.

Concepts - Object Oriented Programming, Database Management System, Operating System, Data Structures and Algorithms

Achievements

- Among top 10 teams in Microsoft Students Club hackathon 2024(VIT-AP).
- Finalists in geeksforgeeks Club hackathon 2023(VIT-AP).
- Proficient badge in geeksforgeeks.