



Aditya Dadhich

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B.Tech - Chemical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.93 (Current)	2022-Present
Senior Secondary	CBSE Board	92.8%	2022
Secondary	CBSE Board	96.0%	2020

EXPERIENCE

- Alphaherd - A NextGen Saas Platform for veterinary clinics** Sept 2024 - Present
Full Stack Developer Intern
 - Developed RESTful APIs using **Next.js**, **Node.js**, and **SQL**, focusing on efficient query optimization, error handling, and secure data operations.
 - Optimized loading time by analyzing the website's loading structure using **Sentry.io**, along with server-side caching, React hooks, promises, lazy loading, and minimizing re-renders.
 - Integrated email and WhatsApp messaging using **MySMSMantra** for client communication with automated reminders.

PROJECTS

- Zcoder** May.2024
Coding Club IITG (Group Project) Github | Webpage
 - Created an online coding platform using **ReactJs**, **NodeJs**, that enables users to ask and answer coding question across multiple languages and platforms
 - Used **MongoDB** for database and **JWT authentication** for secure authentication
 - Implemented code editor, supporting the latest programming languages with compilation capabilities.
 - Implemented virtual rooms for collaborative discussions featuring real-time chat using **Web Sockets**
- Sharinghan:Real Time Chat App** Mar.2024-Apr.2024
Personal Project Github | Webpage
 - Created a comprehensive full stack real time chat application using **WebSockets**, **Node.js**, and **MongoDB**.
 - Used **Socket.io** and **ZegoCloud API** for real-time communication and video conferencing facilitating seamless face-to-face communication.
 - Integrated **Razorpay** to enable secure UPI transactions between users and admin.
- Alcheringa Website** Dec.2024-Mar.2024
Web Operation Module, Alcheringa Github | Webpage
 - Developed a web application that has been accessed by **66,000+ unique visitors** and had **3.98 million hits**.
 - Created two immersive , interactive responsive 3D pages using **Three.js** and **React-three-fiber** in **Next.js**, utilizing **WebGL** and **glTF models** to enhance visual storytelling and user engagement with custom loading pages
 - Utilized **Tween.js** for Camera Movements and **Framer-Motion** for on-hover animations for user interactivity

TECHNICAL SKILLS

- Programming:** C/C++, JavaScript
- Web Technologies:** ReactJS, NextJs*, Express.js, Tailwind, Node.js, WebSockets, 3Js*, Prisma, WebRTC
- Database Management:** MongoDB, Sql*
- Operating Systems:** Windows, Linux*
- Miscellaneous:** GitHub, Postman * Elementary proficiency

KEY COURSES TAKEN

- Computer Science:** Introduction to Computing, Data Structures
- Mathematics:** Introduction to Real Analysis, Differential Equations, Linear Algebra, Game theory & Economics

POSITIONS OF RESPONSIBILITY

- Core Team Member, Web Operation Module, Alcheringa, IIT Guwahati** Mar. 2024 - Present
 - Responsible for building and maintaining **14 portals** and overseeing the smooth operation of the module
- Web Developer, Students' Web Committee** Dec. 2023 - Present
 - Responsible for creating and maintaining web products providing technical aid to campus projects

ACHIEVEMENTS

- JEE Advanced:** Secured an All India Rank of **7677** out of 1.5 Lakh participants
- JEE Mains:** Secured an All India Rank of **4776** out of 9.5 Lakh participants