

Antas Jain

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Education

Indian Institute of Information Technology Nagpur

November 2022 – June 2026

Bachelor of Technology in Computer Science and Engineering (HCGT). GPA - 9.41 (Semester V).

(CGPA of **8.4**).

Technical Skills

Languages/Frameworks/Libraries: React.js, Node.js, Express.js, HTML, CSS, JavaScript, Python, Tailwind, PHP, MySQL, Django, NoSQL.

Technologies/Expertise: TypeScript, Vercel, Version Control-Git/Github, Redux-Toolkit, Appwrite, Website-Performance-Optimisation.

Course Work: Data Structures and Algorithms, Operating System, Object Oriented Programming, Computer Architecture and Organization, Database Management System, Computer Networks.

Work Experience

Fas-10 - Full-Stack-Developer (July 2024 – August 2024) [Letter of Recommendation](#)

- ❖ Optimized software strategies to enhance system performance, increasing client satisfaction scores by 25%. Accomplished a comprehensive software tool for efficient test certificate generation, **reducing processing time by 90%**.
- ❖ Transitioned **legacy Excel-based processes** to a modern software solution, enhancing scalability and achieving **80% adoption within a month**. Created a database-driven system for managing test certificates, enabling storage of **over 1,000 documents and reducing data retrieval time**.
- ❖ Designed and **merged local storage and cookie functionality**, improving page load times by 40% and reducing server requests. Deployed Appwrite, effectively handling high request volumes with 99.7% uptime.

Technical Projects

Call Analysis - Flutter, React.js, Node.js, MongoDB 7.0, AI Models (BERT, BART) [-Deployment](#) [-Repository](#)

- ❖ **Architected an AI-driven call management platform** that tracks and analyzes employee communication, enhancing customer satisfaction and performance monitoring for 500+ users.
- ❖ **Devised a responsive dashboard with React.js 18, Shadcn** for role-based access, including granular insights for employees, managers, and admins, improving team oversight efficiency.
- ❖ **Automated call recording** and data logging to a centralized MongoDB database, eliminating manual tracking errors. Mounted a **leaderboard system** to boost employee engagement through competitive rankings and performance metrics.

Blog Web-App - React, JavaScript, Tailwind-CSS, Redux, Appwrite [-Deployment](#) [-Repository](#)

- ❖ Engineered a **responsive blog web application** with comprehensive **CRUD functionality**, increasing user engagement. Controlled secure user authentication and session management, **reducing unauthorized access attempts**.
- ❖ Embedded Appwrite, OAuth for **robust backend services, managing user accounts and blog posts**. Optimized performance through **lazy loading**. Utilized **Redux** for centralized state management, **streamlining data flow across 20+ components**.
- ❖ Styled the application using **Tailwind CSS**, reducing CSS bundle size and accelerating development time. Deployed the application on Vercel, **achieving high uptime** and supporting daily active users.

Video Streaming App Backend - Node.js, MongoDB 7.0, Express.js, Postman [-Repository](#)

- ❖ Designed scalable **RESTful APIs** to support key functionalities. Developed endpoints for video operations such as uploading, deleting, and retrieving videos, along with features to manage likes and comments.
- ❖ Integrated **Multer v1.4 middleware** to handle video and image uploads, ensuring smooth media file processing and storage.
- ❖ **JWT-based authentication** with both access and refresh tokens to ensure secure user sessions and seamless token renewal.

Positions of Responsibility

Core Member, IIIT Nagpur | Coding Club | DotSlash

- ❖ Transitioned from community member to **Core Member** at IIIT Nagpur's Coding club, **worked collaboratively with a team of 75+ members**.
- ❖ **Mentored 20+ students** by sharing technical knowledge, solving doubts under DotSlash Winter of Code, 2024
- ❖ **Organized interactive sessions** to make junior peers aware of future trends and relevant technologies

Achievements

- ❖ **Pupil** - Highest rating of **1247** on Codeforces. [Profile](#)
- ❖ Solved over **400** data structure and algorithm problems across various platforms. [LeetCode](#) [GFG](#)
- ❖ **3 Star** - Highest rating of **1616** on Codechef. [Profile](#)
- ❖ Secured **Global Rank 349** in Codechef Starters-118 Div-3 2024 among 10000+ participants.