



JUMAN DAS

Roll No.:200104040

B.Tech - Civil Engineering

Minor in Electronics and Communication Engineering

Indian Institute Of Technology, Guwahati

+91-6900508851

d.juman@iitg.ac.in

jumand909@gmail.com

Github

linkedin

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8 (Current)	2020-Present
Senior Secondary	AHSEC	91.4%	2020
Secondary	CBSE	95.6%	2018

PROJECTS

- **MoviFlix** Jan 2023 - March 2023
Self guided project Github
 - A dynamic and fully responsive web app that explores exciting movies and web shows.
 - It displays trending movies,IMDb ratings,trailers,and information such as the cast,video clips,description,etc.
 - It fetches data in real-time from **TMDb's API**,offering an immersive experience with the help of various useful **React** libraries.
- **GetmyThoughts** - a prompt based Image generator Feb 2023 - March 2023
Self guided project Github
 - GetmyThoughts is a web application that employs the **OpenAI's** API to transform text descriptions into lifelike images and artworks.
 - It enables users to generate, download and share their generated images in the Community Showcase section.
 - It is built with **MERN** stack along with **Cloudinary** as CDN for speedy image loading and a smoother user experience.
- **Distributed File Storage** Jan 2023 - April 2023
Self guided project Github
 - A **Java** application, which uses a Distributed Hash Table implementation for efficient file storage/retrieval, with caching, in a distributed network of servers.
 - Implemented functions such as **Constant-time file insertion, logarithmic-time retrieval, dynamic tree structure, and caching** for optimal distributed network performance .
 - Implemented **Consistent Hashing** for transparent server-client interaction.

EXPERIENCE

- **SWC IITG** - Placement Portal. JUNE 2023
 - Wrote APIs for My Application page to fetch details of the jobs the student applies to , added day wise filtering to make it easy to track my shortlists and waitlists.
 - Developed the UI for the my application page and integrated all the APIs.
- **Elearn MarketPlace** - Freelance work. NOV 2023
 - Built a Real World scalable ,robust and secure eLearning Marketplace from scratch.
 - implemented Role based access for instructors and students with dedicated dashboard,secure Authentication using cookies, payment system , robust course management mechanism for instructors.
 - used **MERN** stack , Stripe for payment system and **AWS SES** for emails and **AWS S3** for storage.

KEY COURSES TAKEN

- Data Structures and Algorithms
- Introduction to Computing(Theory + Lab)
- System Design
- Web Development
- Operating System
- Database Management System

PROGRAMMING SKILLS

- Programming Languages:** Java, JavaScript, C, C++, Python*.
- Technical Proficiency:** React, NodeJS, Data structures and Algorithms , Operating Systems , Distributed Systems.
- Database management:** MySQL, MongoDB , AWS * Elementary proficiency

CODING ACHIEVEMENTS

- **CodeChef : 4 Stars(1960),** Codechef
 - Codechef April Long Two 2022 : **Ranked 24** out of 10k+ participants.
 - Starters 77 Division 2 (Rated): Secured **Global Rank 92** among 10k+ Contestants.
- **LeetCode : Guardian (2180),** LeetCode
 - Belong to Top **1 percent** worldwide.
 - LeetCode contest September 2023: Secured **Global Rank 221** among 27k+ Contestants.