

# AKSHAY JAIN

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My Portfolio

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## EDUCATION

### Indian Institute of Information Technology, Guwahati

B.Tech Computer Science and Engineering

🎓 CPI: 8.3

📅 Expected May 2022

**Relevant Courses:** Programming with C, Operating System, Computer Networks, Machine Learning, Artificial Intelligence, Database Management Systems, Data Structures Algorithms, Cloud Computing

## INTERNSHIPS

### Breakout

#### Node.js Backend Intern

📅 April 2021- Present

📍 Remote

- Built REST APIs for the various micro-services of the organization.
- Improved the performance of existing APIs by doing MongoDB query optimization and caching the results using Redis.
- Wrote scripts which were executed in parallel across multiple servers and ensured consistency of data by applying locks on redis keys.

### Demux Academy

#### Full Stack Web Developer and Instructor

📅 December 2020- April 2021

📍 Remote

- Conducted sessions on Web Development with the MERN stack.
- Did load testing for remote code execution engines such as judge0 deployed on AWS EC2 Instances, using Apache JMeter.
- Scraped data from the web and populated it on firestore which is currently used by the organization for application development.

### MobbyPark

#### Node.js Backend Intern

📅 January 2021- March 2021

📍 Remote

- Built REST APIs for the enterprise, which were deployed into production and used by Android Application developers in the company's application.
- Tested and Documented for all the API's in the company's application back-end.

## POSITION OF RESPONSIBILITIES

### General Secretary of Technical Board

#### Student Gymkhana Council

📅 Sept 2019 – January 2021

📍 IIIT, Guwahati

- Responsible for managing all students activities for the student's welfare and prepared the annual budget.
- Conducted programming club sessions on System Design and Web development.

### Developer Student Clubs Lead

#### Google Developer Student Clubs

📅 Sept 2020 – Aug 2021

📍 IIIT, Guwahati

- Founded the Developer student clubs in our Institute.
- Organized sessions on Google Cloud, Android/Web development and Artificial Intelligence from eminent members of the academia and industry.

## PROJECTS

### Campbeast - A Social Network

Node.js, React.js, MongoDB, Socket.io, AWS

📅 Jan 2021 – April 2021

- Worked in a fast paced agile development environment on a social network application, split into multiple micro-services for college students, where students and educators can collaborate on forums based on their topic of interest.
- Implemented In app chatting application for students and educators for ease in communication.
- Wrote unit tests for multiple API endpoints, for ease in testing for future teams.

### Real Estate Management System

Node.js & MySQL Application

📅 January 2020 - April 2020

- Developed a web based application in which property details can be uploaded, for sale. The Users can view the properties and communicate with the agent on the platform itself.

### Video Streaming Platform

Node.js and MongoDB Application

📅 February 2020 - March 2020

- Developed a video streaming application like YouTube, where users can upload their videos for general users to see, they can like, comment and share the videos along with custom Admin Panel.

## SKILLS

### Programming Languages

C • C++ • Python • JavaScript

### Operating Systems

Linux • Windows

### Version Control

Git

### Web Technologies

Front End Technologies

HTML • CSS • Bootstrap • React.js

Backend Technologies

Node.js • Django

### Database

MySQL • MongoDB

### Cloud Technologies

AWS • Google Cloud

## LANGUAGES

### Working Proficiency

English • Hindi • French