

# MUZAFFAR AHMAD BHAT

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## EDUCATION

- NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR  
B.Tech - Computer Science Engineering

2019 - 2023  
GPA: 8.742

## EXPERIENCE

### Software Development Engineer Kalpkruti

Apr 23 - May 24 • 1 yr 2 mos

- Developed innovative features for TweenCraft: Cartoon video maker animation app, leading to a significant increase in user engagement and surpassing **8M** downloads milestone.
- Pioneered the implementation of **reel creation using imported or selected audio**, resulting in a **60%** enhancement in user-generated content output through precise lip-syncing.
- Engineered **cinematic filters** to enhance user-generated content, enabling dynamic focus on speaking characters and immersive camera effects.
- Spearheaded **UI/UX enhancements** for streamlined story creation, simplifying the storytelling process for users.
- Designed and **optimized APIs to enhance app performance** and scalability, improving overall user experience.
- Developed **feed feature** allowing users to publish, discover and watch published reels based on generated rating, contributing to a **30%** increase in user base through enhanced social interaction and content discovery.
- Provided **leadership** as a code and design **reviewer**, ensuring high-quality standards and **mentoring** junior team members.
- Streamlined development, testing, and release **processes** to ensure smooth workflow and the delivery of a high-quality product to users.

### Software Development Engineer Intern Juspay

Jan 23 - Apr 23 • 3 mos 18 days

- Worked in the payment page team - a cross platform, scalable solution that gives merchants access to all and ever-changing payment methods with a single integration.
- Designed **Database and APIs** along with my team members for performance, scalability and availability.

### Software Development Engineer Intern Kalpkruti

Nov 21 - Feb 22 • 4 mos

- Worked in the front-end team for the mobile application TweenCraft.
- Built new home screen design of the app where YouTube embedded videos are shown under different categories and much more using **C++** primarily.

## PROJECTS

### Online Code Editor Demo Code

ReactJS

- It's a Code Editor for HTML, CSS, **JS code snippets** with the functionality similar to that of codepen.io.
- Users can seamlessly **write** code and witness the **live output** of it, all within a **unified interface**. For convenience, localStorage is employed to preserve users' work.

### Muzaffar's Blog Demo Code

ReactJS, Redux, Tailwind CSS, NodeJS, MongoDB

- It's my personal blog app for sharing insightful tech blogs. Users can **read, comment, and like** blogs.
- Users can easily find content by **searching** titles or keywords. It also includes **admin dashboard** to ensure smooth management, allowing oversight of blogs & user activity.

## SKILLS

### Top Skills

Problem Solving, Data Structures and Algorithms, Web Development, Database Design, API Design, Object Oriented Design

### Languages

C++, Javascript, Typescript, NodeJS, Python, SQL

### CourseWork

DBMS, Operating System, Network Systems

### Frameworks/Library

NextJS, ReactJS, Redux, ExpressJS, Mongoose, Tailwind CSS

## ACHIEVEMENTS

- Secured a global rank of **81** in a 3-hour long CodeChef Starters Contest
- Solved more than **600** problems on geeksforgeeks/leetcode

CodeChef  
GFG / LeetCode