

MUZAFFAR AHMAD BHAT

+91 7006913915 ✉ bhatmuzaffar32@gmail.com ✎ [LinkedIn](#) ✎ [Github](#) ✎ [muzaffarbhat](#)

EDUCATION

- NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR 2019 - 2023
B.Tech - Computer Science Engineering GPA: 8.742

EXPERIENCE

Software Engineer *Cypherock* Aug 24 - Present • 4 mos

- Developed end-to-end **XRP chain support**, from **Cypherock X1 firmware development (C)** to **Cysync client-server integrations** (TypeScript, React, Node.js), progressing the solution from **PoC to production**, thus enabling crypto exchange for XRP.
- Currently working on integrating support for **StarkNet**, a cutting-edge Layer 2 blockchain solution for enhanced scalability and security.

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

Identity Reconciliation Service *Demo Code* NodeJS, TypeScript, Prisma, PostgreSQL

- The Identity Reconciliation Service is designed to **identify** and keep track of a **user's identity** across **multiple requests** with **different contact information**.
- This service ensures **linking different requests** made with **different contact information** to the **same person**.

SKILLS

Top Skills	Problem Solving, Data Structures and Algorithms, Web Development, Docker, Linux, Database Design, API Design, Object Oriented Design
Languages	C++, Javascript, Typescript, NodeJS, SQL
CourseWork	DBMS, Operating System, Network Systems
Frameworks/Library	ExpressJS, Prisma, Mongoose, NextJS, ReactJS, Redux, Tailwind CSS