

# MOHD SAQIB

## Software Engineer

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Saharanpur, India.

## EXPERIENCE

### Software Engineer

07/2023 - Present

#### BYJU'S

Gurugram, India

##### Achievements/Tasks

- Fusion Proxy** : Engineered with Node.js and Express.js to optimize requisites (pre, post, test) for associated divisions such as Aakash, Byjus Neo, and Tutor Plus.
- Coordinated concurrent requests to services, resulting in a reduction of overall response times from an average of 5 seconds to 2 seconds.
- Implemented io Redis to streamline multiple requests in a single connection, resulting in a 50% reduction in data retrieval response times from 3 seconds to 1.5 seconds.
- Conducted thorough testing, debugging, and continuous maintenance to ensure sustained system reliability.
- K3 (Disney + Byju's)**: Provided pivotal support for the backend infrastructure of K3 (Disney + Byju's), leveraging the robust Ruby on Rails framework.
- Collaborated closely with the product team, implementing changes and enhancements to align the backend with the product vision.
- Database Migration**: Executed a pivotal database migration initiative, resulting in substantial monthly savings of \$500 for both K3India and K3 Global teams.

https://byjus.com/

### Software Engineer

01/2023 - 07/2023

#### BYJU'S Exam Prep (Formerly Gradeup)

Noida, India

##### Achievements/Tasks

- Funnel Optimization and CAT college predictor**: Optimized funnels and applied new user engagement strategies, resulting in a substantial 15% increase in lead generation.
- Built a CAT college predictor page, empowering users to accurately assess their eligibility for colleges based on academic performance, leading to a 25% boost in informed decision-making and user interaction.
- Revamped Workshop Page**: Revamped Workshop Page for diverse states based on user login statuses and actions, achieving a notable 10% post-registration drop-off reduction with engaging hook implementation.
- CSIR NET Eligibility Calculator**: Developed and integrated an eligibility calculator for lectureship and JRF, leading to a notable 25% increase in website traffic and an impressive 30% rise in signups.
- SEO Enhancement and Web Vitals Optimization**: Enhanced SEO and optimized web vitals, focusing on improving CLS and other metrics to enhance website accessibility and performance, contributing to an overall improved user experience.

https://byjusexamprep.com/

## EDUCATION

### Bachelor of Engineering (Computer Science)

2019 - 2023

#### Chitkara University

Himachal Pradesh, India

GPA | 9.85 / 10.0

## SKILLS

HTML · CSS · JavaScript · Java · ReactJS ·  
NodeJS · Ruby on Rails · PostgreSQL ·  
Problem Solving · Git/Github · Docker ·  
AWS · SEO · GTM ·  
Project Management Software Tools

## PROJECTS

### Chatroom: Chat App

Chatroom is a chat application with real-time seamless communication.

- Crafted the client-side using ReactJS and the server-side with Ruby on Rails and PostgreSQL.
- Enhanced user engagement with Firebase for real-time notifications.
- Optimized notification efficiency by integrating Rails' Sidekiq, achieving a notable 35% improvement in message delivery response times.

https://6a981bd7.chatapp-client.pages.dev/

### Bandage: Shopping App

"Bandage," is a E-commerce hub for clothing and accessories.

- Created the application from the ground up, utilizing a tech stack that included ReactJS, NodeJS, ExpressJS, and PostgreSQL.
- Ensured an impeccable user experience with seamless responsiveness across mobile, tablet, and web interfaces.
- Seamlessly integrated secure user authentication via JSON Web Tokens JWT, bolstering user data protection.
- Integrated Firebase for user-friendly profile picture management, enabling effortless uploads and updates.

## LANGUAGES

Hindi	Native	●●●●●
English	Advanced	●●●●●
Arabic	Beginner	●●●●●