

MOHD SAQIB

Software Engineer

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LeetCode | LinkedIn | GitHub | Portfolio

EDUCATION

Chitkara University
Computer Science Bachelor of Engineering
CGPA: 9.85

Himachal Pradesh, India
August 2019 - July 2023

EXPERIENCE

Freecharge | Software Engineer

Gurgaon, Haryana | September 2024 - Present

Micro LAP: Built robust backend services in Node.js and TypeScript leveraging MySQL for efficient storage and secure sharing of user data in a lending service. Devised schema validations, enhanced error handling for data integrity and optimised API integrations via Sequelize for reliable and scalable operations.

BYJU'S | Software Engineer

Remote | July 2023 - September 2024

Activation Portal: Developed and implemented a kit activation portal using ReactJS for the BYJU'S learning app in the US, facilitating seamless activation through unique activation codes, contributing to an app with over 10 million downloads

Renewed BYJU'S Early Learn Page: Collaborated with the product team to refresh the BYJU'S Early Learn page, eliminating Disney content and transitioning it exclusively to BYJU'S, in line with product strategy and enhancing user engagement.

Collaborated closely with the product team, implementing changes and enhancements to align with the product vision.

Engineered Fusion Proxy: Developed a Node.js and Express.js service in a 2 person team, consolidating requests across Aakash, BYJU'S, and Tutor Plus, transitioning vertical infrastructure to a horizontal model to enhance efficiency

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.

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.

BYJU'S EXAM PREP | Software Engineer

Noida, UP | January 2023 - July 2023

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.

Unbounce Integration and Lead Generation: Coded and deployed static pages on Unbounce, seamlessly integrating them into the website flow through JavaScript event dispatchers/listeners to optimize lead generation efforts.

SKILLS

Programming Languages:	Javascript, Typescript
Libraries/Frameworks:	React.js, Next.js, Node.js, Redux, Bootstrap, Tailwind, MaterialUI, Webpack, JEST
Tools / Platforms:	Git/Github, Bitbucket, AWS, Docker, JIRA, GTM, Firebase, Coralogix, MySQL Workbench

Databases:

MySQL, PostgreSQL, MongoDB

PROJECTS / OPEN-SOURCE

Form Builder | [Link](#)

JavaScript, React.js, CSS, HTML

Developed a dynamic form generator similar to Google Forms using ReactJS.

Implemented advanced validation and optimizations to improve form handling and performance.

Delivered a responsive design for consistent UX across devices.

Bandage Shopping | [Link](#)

JavaScript, React.js, CSS, HTML Webpack, Jest

Built an e-commerce platform from scratch using ReactJS, NodeJS, ExpressJS, and PostgreSQL.

Secured user authentication with JWT and optimized performance through Node clustering.

Enhanced user experience with responsive design, Firebase profile management, and React lazy loading.

ChatRoom | [Link](#)

JavaScript, React.js, Websocket, CSS, HTML, ROR

Created a chat application using ReactJS on the front end and Ruby on Rails with PostgreSQL on the back end.

Enabled real-time communication with Firebase notifications.

Integrated Sidekiq in Rails, improving message delivery response times by 35%.