

# Arpit Joshi

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## Experience

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### Software Developer

Masters's Union

Gurugram, Haryana

Feb 2023 – Present

- Designed and developed a full-stack **SaaS** LMS for **Admin and Student portals**, enabling course management, student tracking, and role-based access. Currently used by over 10,000 active users.
- Implemented and configured **Webpack** across the project to manage module bundling, enabling efficient asset optimization and reduced bundle sizes.
- Enhanced client-side security by encrypting sensitive data and using secure, **HTTP-only cookies** rather than localStorage to reduce exposure to XSS attacks.
- Significantly improved UI performance by leveraging optimized data structures such as **Set** for constant-time lookups, reducing computational overhead in large, frequently updated components
- Built a **Next.js-based frontend application**, leveraging **Server Actions, dynamic routing, and modern Next.js features** to deliver a fast, scalable, and SEO-friendly platform.
- Designed and implemented a responsive analytics dashboard using **ApexCharts** and **Framer Motion**, leveraging SCSS-based **styled-components** and prop-driven styling to enhance UI consistency, flexibility and better code readability.
- Boosted UI performance by reducing unnecessary DOM nodes and improving render efficiency for large list by combining **Virtualization** with **Event delegation**, significantly reducing DOM size and event handling overhead.

### Associate Software Engineer

Masters Union

Gurugram, Haryana

July 2022 – feb 2023

- Developed dynamic, reusable React components using concepts like **Custom hooks, Debouncing, and Memoization**, boosting performance, enhancing user experience.
- Built a comprehensive Expense Management module to track and analyze user spending, streamline and automate financial processes, and provide interactive charts visualizing yearly expenditure trends and performance for informed decision-making.

## Technologies

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**Languages:** JavaScript, Java, SQL, HTML, CSS

**Frontend:** React.js, Next.js, Redux, Framer Motion, GSAP, Material UI, Styled Components

**Backend:** Node.js, Express.js, Sequelize

**Database:** MySQL, PostgreSQL

**Developer Tools:** Git, Postman, Gitlab

## Education

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**Masters in Computer Application(D)**

Monad University

Sept 2021 – May 2023

**Bachelors in Computer Application**

Ludhiana Group of Colleges

Sept 2018 – May 2021