

# Alok Kumar

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## Experience:

- **Front-End DEVELOPER INTERN .** (*April 2024 - July 2024*) [Link](#)  
Pug Esports Academy - Delhi
  - Built **responsive and dynamic UIs** using **React.js & Next.js**.
  - Integrated **REST APIs**, improving data fetching speed by **25%**.
  - Optimized **performance and rendering** using **React.memo** and **useCallback**.
  - Used **Git** for **version control** and collaborated with backend developers.

## Education:

- Bachelor of Technology in computer science and engineering. (2021-2025)  
University Institute of Technology, CSJMU, Kanpur.
- 12th, CBSE Board.(2020)  
Deoria Sr Sec School, Deoria. (70%)
- 10th, CBSE Board. (2018)  
AYT Sr Sec School, Deoria. (83%)

## Projects:

1. **Employee Management System:** (2024) [\(Github\)](#) |
  - **Efficient Workforce Management:** Built an **Employee Management System** using **React**, **Vite**, and **Tailwind CSS**, enabling seamless handling of employee records, roles, and performance metrics through an intuitive interface.
  - **Advanced Features:** Implemented **role-based access control**, **real-time performance tracking**, and **automated report generation** to enhance HR efficiency and decision-making.
  - **Modern and Scalable Design:** Designed a secure, scalable architecture leveraging **React Router** and **state management libraries**, ensuring adaptability for businesses of all sizes.
2. **TipTap Text Editor:** (2024) [\(Github\)](#) || [\(Site\)](#)
  - **Built a customizable Rich Text Editor using React and TipTap:** Integrated advanced text formatting tools and extensibility for seamless content creation in web apps.
  - **Designed a user-friendly and responsive UI:** Delivered a clean interface with modern CSS for accessibility across devices.
  - **Implemented modular, scalable architecture:** Leveraged TipTap's extensibility to create reusable, maintainable components.

## Certificates:

1. **React Front To Back.** (Udemy)
  - Covered essential concepts such as Components, Props, Destructuring, and Hooks.
  - Developed proficiency in building React applications from start to finish.
2. **Meta front-end Development course** (Coursera)
  - Advanced understanding of user interface design and development.
  - Mastered Cascading Style Sheets (CSS) at an advanced level, implementing designer CSS pages.

## Skills:

1. **Programming Languages:** JavaScript, C++, Python (familiar)
2. **Frontend Technologies:** React.js, Next.js, Tailwind CSS, HTML, CSS, JavaScript
3. **State Management:** React Context API, Redux (familiar)
4. **API Integration:** REST APIs, Axios, Fetch API
5. **Version Control:** Git, GitHub
6. **Debugging & Optimization:** Chrome DevTools, React Profiler, Lighthouse
7. **Build Tools:** Vite, Webpack