

# ALOK YADAV

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## Skills

Programming Languages: C/C++, JavaScript, TypeScript, SQL

Web Technologies: ReactJS, NodeJS, ExpressJS, NextJS (Basics), HTML5, CSS3

Databases: MongoDB, Firebase, Appwrite

Developer Tools: Git, Github, Vercel, Postman, TailwindCSS

Other: RESTful APIs, Redux, Axios, Stripe, Authentication & Authorization

## Education

Bachelor in Computer Applications

VBSPU Jaunpur | Sept 2022 - Aug 2025 (Expected)

Current CGPA: 7.92/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Data Mining.

## Project Work

**ShrinkIt** | NextJs, MongoDB, Typescript, Framer motion, Tailwind CSS

- Developed a modern URL shortening application with advanced features including password protection, QR code generation, and link management
- Implemented user authentication using built-in middleware and cookies
- Utilized MongoDB with Mongoose for efficient data handling
- Integrated TypeScript for improved type safety and maintainability and enhanced user experience through dynamic animations with Framer Motion

**Flicker** | NextJs, MongoDB, NextAuth, OpenAI, Typescript, Framer motion, Tailwind CSS

- Built an anonymous feedback application enabling secure and open communication
- Enhanced UI with dynamic animations using Framer Motion and maintaining a responsive design with Tailwind CSS
- Implemented user authentication using NextAuth and also with custom authentication
- Leveraged MongoDB and Mongoose for efficient data management

**Arise** | ReactJs, Firebase, Stripe, Firebase Cloud Functions, Redux, ThreeJs, Axios, Tailwind CSS

- Developed a dynamic web application with user authentication and real-time data management using Firebase
- Integrated Stripe for secure payment processing and implemented advanced features such as 3D view for enhanced interaction.
- Utilized Redux for state management, improving application performance, and Axios for API interactions
- Designed a responsive user interface using Tailwind CSS, enhancing cross-device compatibility

## Interests

- Progressive Web Apps
- Machine learning and Deep learning