

# RUDRAKSH UPADHYAY

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## SUMMARY

Passionate Full-Stack Developer proficient in the MERN stack and Python, creating high-performance, scalable applications. Experienced in developing eCommerce platforms, blog systems, and social media apps, with a strong focus on innovation and user engagement.

## TECHNICAL SKILLS

**Frontend:** HTML, CSS, JavaScript, AJAX, React, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs

**Database:** MongoDB, MySQL

**Languages:** Java, Python

## PROJECTS

**Blog Website | Node.js, Express.js, React.js, Redux, MongoDB, Google OAuth, Firebase, Tailwind CSS [↗](#)** July, 2024

- Expertly crafted a dynamic MERN application, integrating React for the frontend, Node.js and Express.js for the backend, Google OAuth for authentication, Firebase and MongoDB for databases, and seamlessly using REST APIs for robust communication.
- Utilized Redux Toolkit for efficient state management, ensuring a seamless and organized data flow within the application.
- Managed version control with Git and deployed the app on cloud platform, ensuring a robust and error-free release.

**Twitter Clone | Node.js, Express.js, React.js, MongoDB, Redux, Tailwind CSS [↗](#)** April, 2024

- Developed a modern, responsive frontend using React.js and Tailwind CSS, with efficient state management implemented via Redux.
- Created a robust backend with Node.js and Express.js, integrating MongoDB for data storage and securing the application with JWT-based authentication.
- Ensured production-ready code by adhering to best practices for security, performance, and maintainability.

**Ecommerce WebApp | JavaScript, EJS, Node.js, Express.js, MongoDB [↗](#)** June, 2023

- Implemented secure user authentication using Passport.js with local and OAuth strategies, enhancing account security and personalization.
- Designed and executed comprehensive CRUD operations for product management within the MVC framework, improving scalability and data handling efficiency.
- Integrated a secure payment gateway and developed a personalized wishlist feature, optimizing transaction security and user experience.

**Portfolio Website | HTML, CSS, JavaScript [↗](#)** October, 2023

- Developed a responsive portfolio using HTML, CSS, JavaScript, and email.js for contact functionality, showcasing projects and skills in web development.
- Created an intuitive layout for easy navigation, allowing visitors to explore projects and connect efficiently.

## EDUCATION

**Dr. A. P. J. Abdul Kalam Technical University** Lucknow, India  
Bachelor of Technology 2021-2025

**Major in Computer Science and Engineering**  
CGPA: 6 (Till 3rd Year)

**M. P. S. M. Grace Convent Senior Secondary School** Mathura, India  
XII 2020-21

Percentage: 78.2%

## CERTIFICATION & TRAINING

- Python (Basic) - (HackerRank) November, 2024
- React (Basic) - (HackerRank) November, 2024
- Python with Machine Learning - (OneTick Technologies Pvt. Ltd. - Faridabad, India) September, 2022

## ADDITIONAL

**CodeIn | Technical College Society** November, 2022

- Co-founded CodeIn, a technical college society focused on advancing students' skills in technology.
- Provided mentorship by resolving technical challenges during students' practical implementation of front-end technologies(HTML, CSS, JavaScript), ensuring effective learning outcomes.