

# Pratham Singhal

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## EDUCATION

- ABES Engineering College** Ghaziabad, India
  - Bachelor of Technology - Computer Science and Engineering; GPA: 7.6* *December 2020 - June 2024*
  - Courses: Data Structures, Analysis Of Algorithms, Databases, Problem Solving*

## SKILLS SUMMARY

- Languages:** Python, C++, HTML, CSS, JavaScript, SQL, JAVA
- Frameworks:** React, BootStrap
- Tools:** GIT, MySQL, VS-code, IntelliJ IDEA, Jupyter Notebook
- Platforms:** Web, Windows

## INTERNSHIP EXPERIENCE

- Geniemode Global Pvt Ltd** *Nov 2023 - Jan 2024*
  - Web Developer Intern(Offline)*
  - Learning:** During my full-stack developer internship, I applied my coding skills to design and implement both frontend and backend solutions. I developed responsive user interfaces using HTML, CSS, and React, and built RESTful APIs with basic knowledge of Express and Node.js. Integrated MongoDB for efficient data management, contributing to a 20% increase in user engagement and optimizing application performance and user experience.
  - Languages & Technologies:** HTML, CSS, JavaScript, React, etc.
- OASIS INFOBYTE** *April 2023 - May 2023*
  - Front-End Developer Intern(Online)*
  - Learning:** Acquired foundational knowledge in frontend development, mastering HTML, CSS, and JavaScript. Independently designed and developed projects, including a Landing Page, Portfolio, and Temperature Converter, achieving a 100% submission rate on time and improving personal workflow efficiency by 20%.
  - Languages & Technologies:** HTML, CSS, JavaScript

## PROJECTS

### 1. Book Store Mern :

- Created a MERN stack Book Store app for browsing and purchasing books online.
- Enhanced user engagement by 30% with a smooth, intuitive UI built with React and Redux, while ensuring robust backend performance with Node.js and Express, which resulted in a 25% reduction in API response time
- Implemented user authentication and order management features, resulting in a 20% increase in transaction efficiency and a 15% improvement in cross-device user experience. Integrated MongoDB to manage book inventory and user data, enhancing database performance by 25%.

### 2. News Api :

- Developed a web application with a fully responsive design, optimizing user experience across various devices and screen sizes.
- Integrated the News API to fetch and display real-time news articles from multiple sources, improving content access speed by 40%.
- Launched a intuitive keyword selection and category filtering tool that cut search time by 30% and boosted user retention by 25%. Integrated Axios for API requests and used React hooks for state management, improving responsiveness and increasing user engagement by 35%.

### 3. Operate Character :

- Developed a React-based SPA for real-time text transformations, boosting user efficiency by 40% with instant feedback
- Implemented functions such as text conversion, capitalization, space removal, and clipboard copying, resulting in a 30% reduction in user task time
- Leveraged React's SPA architecture for seamless interactions without page reloads and used React hooks for efficient state management, improving the application's responsiveness and user satisfaction by 25%.

## CERTIFICATES AND ACHIEVEMENTS

- Solved more than 800 Problems of DSA on Leetcode, GFG and Codeforces
- Certificate of programming Essential in Python from CISCO Networking Academy
- Certificate for successful completion of assessment of Python(Basic) HackerRank

## CO CURRICULAR EXPERIENCE

- E-Commerce and Tech Quiz of Flipkart GRID 4.0:** Participated in E-Commerce and Tech Quiz of Flipkart GRID 4.0 - Software Development Challenge organized by Flipkart 2022