

Abhishek Tiwari

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Education

Guru Gobind Singh Indraprastha University

Bachelor of Science in Computer Science (GPA: 8.35 / 10.0)

Sept 2020 – June 2024

New Delhi, Delhi

Experience

The Publive Mediatek

Jan 2025 – Present

Product Engineer

Gurugram, Haryana

- Developed a **Version History feature** for a SaaS-based CMS using **React.js** and **Django**, enabling publishers to track, compare, and restore previous content versions with field-specific restoration options.
- Implemented **controlled publishing workflows**, allowing changes to be reviewed before going live, enhancing content accuracy and editorial control.
- Facilitated team collaboration by creating an **audit trail of content revisions**, improving accountability and streamlining the content management process.

Publive Mediatek |

July 2024 – Dec 2024

Software Engineer Intern

Gurugram, Haryana

- Designed and implemented the **Quick Internal Linking feature** in a SaaS-based CMS, reducing the average time to publish a post by **50%**.
- Enhanced content velocity** by **20%** through streamlined internal linking, enabling publishers to create more posts efficiently and improve overall site engagement.
- Optimized content creation workflows**, facilitating quicker linking to relevant posts, which boosted productivity and improved SEO through better internal content connections.

Projects

DSA and Interview Prep | React.js, Vite.js, tailwind CSS, Firebase Firestore, Firebase Authentication

- Designed and implemented a web application for tracking **DSA problem-solving progress**, **storing links**, and **visualizing algorithms**.
- Incorporated placement resources for topics such as OS, OOPS, CN, and DBMS to aid interview preparation.
- Deployed Link: <https://dsahub-7bff0.web.app/>

Algorithm Visualization | HTML, Typescript, Bootstrap, Algorithms

- Developed Interactive Sorting Algorithm Visualizations: Spearheaded the Sorting section in a collaborative project, implementing step-by-step visuals for Bubble Sort, Insertion Sort, Selection Sort, Merge Sort, and Quick Sort to enhance user understanding through interactive animations.
- Collaborated in building an engaging educational resource that visualized key sorting algorithms; contributed specific features that increased student retention rates during workshops focused on core computer science concepts by 30%.
- Deployed Link: <https://algorithm-tracing.netlify.app/>

Achievements

- Solved 1400+ DSA problems** on various platforms. Leetcode|GFG|CodeStudio
- 2895 Rank** among **28000+** participants in the **Weekly Contest 397** on Leetcode.
- 2672 Rank** among **26000+** participants in the **BiWeekly Contest 142** on Leetcode.
- Achieved 'O' grade** in final year major project, demonstrating excellence in project execution and technical proficiency.
- 3rd prize in Web-a-thon** event organized by Cesta(Technical Society). Link

Technical Skills

Languages: Java, C++, Python, Javascript(Basic)

Frameworks Technologies: React.js, Django, Express.js, Bootstrap, PostgreSQL

Cloud Containers: Docker

Core Concepts: Low Level Design, Data Structures, Design & Analysis of Algorithms, Operating Systems, API Development, Database Management Systems

Tools: Git & GitHub, Firebase, Vite.js, Tailwind CSS