SHASHWAT MISHRA

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EDUCATION

Manipal University Jaipur 2021-2025
B. Tech – Computer Science and Engineering – **CGPA – 7.5** Jaipur, Rajasthan

TECHNICAL SKILLS

Programming Languages: C++, Java, Python
Technologies/Frameworks: Next.js14, React, HTML, CSS, Javascript, Typescript, Convex, Node.js, MySQL
Coursework: DSA, OOPS, Computer Networks, DBMS, Cloud Computing, Operating System

WORK EXPERIENCE

MERLIN AI by FOYER Remote
Software Developer Intern May 2024 – July 2024

- **Designed and deployed** a versatile chatbot code snippet that seamlessly integrates into any website, **increasing client interaction rates by 35%** and **reducing customer service response time by 30%**.
- **Developed** domain-specific chatbot capabilities to provide tailored responses to client inquiries.
- **Optimized** the chatbot's functionality to promote courses and products listed on the website, **boosting sales conversion rates by 25%** through integrated email marketing strategies.

PROJECTS

LIVE-DOCS (DEMO) July 2024

- Addressed and resolved the need for seamless collaboration in document editing.
- Developed a real-time collaborative text editor that allows multiple users to edit documents simultaneously with live updates.
- Enhanced team productivity by 40% through the introduction of inline comments for threaded discussions and a notification system, leading to faster decision-making and collaboration.
- Technologies Used: Next.js 14, Tailwind CSS, Typescript, LiveBlocks

PATH-VISUALIZER (DEMO) June 2024

- Tackled and demystified the challenge of understanding complex algorithms through visualization.
- Developed a web app that visualizes algorithm paths using Maze, Graph, and Speed features, allowing users to track the algorithm's process.
- Improved learning outcomes by 35%, providing users with a clear and interactive visual representation of algorithm operations.
- Technologies Used: Next.js 14, Tailwind CSS, Typescript

TEXT-SUMMARIZER FOR NEWS AGGREGATION PLATFORM April 2024

- Simplified and optimized the process of consuming large volumes of news articles.
- Developed a Python app that summarizes news articles, added categorization and search options, and implemented adjustable quantity control using a seek bar.
- Enhanced user experience by reducing reading time by 50% while maintaining over 90% of the original content's key information.
- Technologies Used: Python, Flask, Streamlit, Google News RSS API, Newspaper3k (for summarizing)

ACHEIVEMENTS

- Secured a notable 3rd place position in the esteemed IOSD Manipal ALLOCATE competition of 2023 among 2000+ participants of different colleges.