

MANAV

B. Tech, Production and Industrial Engineering

Delhi Technological University

Contact no.: +91-8920393707

manavkr.99@gmail.com | [GitHub](#) | [Portfolio](#) | [Linkedin](#)

EDUCATION

B. Tech (Production and Industrial Engineering)	2019-2023	Delhi Technological University
CBSE (Class XII)	2018	The Union Academy Sr. Sec. School, Delhi
CBSE (Class X)	2016	Hansraj Smarak Sr. Sec. School, Delhi

PROJECTS

EXCEL-WEBSITE | Web- Based Excel Emulation Project

Tech Stack: HTML, CSS, JavaScript.

Key Achievements:

- Excel Emulation:** Successfully developed a web-based Excel clone, demonstrating a deep understanding of HTML, CSS, and JavaScript, all without relying on external JavaScript frameworks or libraries.
- File Management:** Implemented essential file management functionalities, including "Open," "Save," and "Add New File" options, ensuring a seamless user experience for handling documents.
- Integrated Clock:** Incorporated a real-time clock feature within the Excel project, showcasing the ability to integrate dynamic elements into the application.
- Formula Support:** Enabled the use of Excel formulas, enhancing the project's functionality and usability for users familiar with Excel.
- Text Styling:** Implemented robust text styling capabilities, empowering users to customize their text with features such as font style, variant selection, text color, and text alignment.
- Background Customization:** Provided users with the option to personalize their documents by allowing them to change the background color, enhancing the project's aesthetic appeal.

OPEN BOARD | Web-Based Excel Emulation

Tech Stack: HTML, CSS, JavaScript

Technical Highlights:

- Independent Development:** Developed a web-based Excel clone without reliance on external JavaScript frameworks or libraries, demonstrating proficiency in core web technologies.
- File Management Integration:** Successfully integrated essential file management functionalities into the Excel project, allowing users to perform operations such as "Open," "Save," and "Add New File."
- Dynamic Clock Integration:** Seamlessly incorporated a real-time clock feature within the Excel project, showcasing adeptness in integrating dynamic elements to enhance the user experience
- Excel Formula Support:** Implemented a robust formula engine, enabling the utilization of Excel-compatible formulas, contributing to the project's functionality and user familiarity.
- Text Styling and Customization:** Developed a comprehensive text styling and customization system, enabling users to tailor their documents with options such as font style, font variants, text color, text alignment, and background color modification.

VIDEO CAMERA | Web-Based Video Camera Application

Tech Stack: HTML, CSS, JavaScript

Technical Achievements:

- Framework-Independent Development:** Engineered a sophisticated web-based Excel emulator devoid of JavaScript frameworks or libraries, showcasing an advanced command over core web technologies.
- File Management Integration:** Successfully implemented critical file management functionalities within the Excel project, including "Open," "Save," and "Add New File" options, attesting to the mastery of front-end development.
- Real-time Clock Integration:** Seamlessly integrated a dynamic, real-time clock within the Excel project, exemplifying expertise in real-time data rendering and client-side scripting.
- Excel Formula Engine:** Devised a comprehensive formula engine compatible with Excel, empowering users with the capability to apply complex calculations and logical operations, signifying prowess in mathematical modeling and algorithm development.
- Text Styling and Customization:** Implemented an intricate text styling and customization system, endowing users with the ability to tailor text elements by modifying font styles, font variants, text colors, text alignment, and background colors, underscoring proficiency in user interface design and user experience enhancement.

ACHIEVEMENTS

- HackerRank Java Excellence:** Achieved a prestigious "5-Star" rating, showcasing advanced Java skills.
- GeeksforGeeks Top 200 Coder:** Ranked among the top 200 coders at DTU, highlighting strong problem-solving abilities.

SKILLS

HTML/HTML5, CSS/CSS3, Bootstrap/Tailwind CSS, JavaScript (ECMA), Git, Github, JAVA

OTHER LINKS

[YouTube](#)

[GFG](#)

[Leetcode](#)

[HackerRank](#)