Aditi Saini

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About

Aspiring Software Developer passionate about crafting user-friendly, efficient web applications. Skilled in frontend technologies with hands-on project experience in both academic and internship settings. Always eager to learn and explore new frameworks and tools.

Education

Dr. A P J Abdul Kalam Technical University — Lucknow, UP
Bachelor of Technology – 81.89 — *August 2022 – Present*

S.D.S Convent School — Jhinjhana, UP
Intermediate – 74.0 — *April 2021 – March 2022*

S.D.S Convent School — Jhinjhana, UP
High School – 82.0 — *April 2019 – March 2020*

Experience

CodSoft — Remote
Frontend Development Intern — *July 2025 - Present*

- **Task 1 - Calculator:** Built a responsive calculator using HTML, CSS, and JavaScript. Supported basic arithmetic operations and keyboard inputs.
- **Task 2 - Portfolio Website:** Designed a personal portfolio with sections for projects, skills, and contact using modern HTML5, CSS3, and animation effects.
- **Task 3 - Landing Page:** Developed a visually appealing landing page layout using flexbox, media queries, and interactive call-to-action buttons.

Projects

MusicApp Clone | *Core Java, OOPS concepts, Java Swing, Json, JavaFx* — Jan - 2025

- Designed and implemented a user-friendly musicApp clone using Java Swing, allowing users to play, pause, and navigate through a list of songs fetched from an external API.
- Successfully integrated with the iTunes API to retrieve song data, including track names, artist names, artwork URLs, and preview URLs.
- Created an intuitive GUI with Java Swing components: play, pause, next, previous navigation.

Flappy Bird Game | *Core Java, OOPS concepts, Java Swing, AWT* — Nov - 2024

- Developed a fully functional Flappy Bird game using Java. Implemented smooth animations, collision detection, and user input handling to create an engaging gameplay experience.
- Used sprite sheets for bird animations and ensured fluid transitions.
- Followed Single Responsibility Principle by dividing the game into distinct classes: Bird, Pipe, FlappyBirdPanel, etc.
- Implemented a game loop and keyboard controls for interactivity.

Technical Skills and Certification

Languages: Java, C, SQL, HTML, CSS, JavaScript
Developer Tools: PowerBI, GitHub, VS Code, IntelliJ, Eclipse
Certificate: NPTEL – Data Structure and Algorithms – 61.0