

# Livanshu

+91-9416600517 | [livanshu0178@gmail.com](mailto:livanshu0178@gmail.com) | [linkedin.com/in/livanshu-saini](https://www.linkedin.com/in/livanshu-saini) | [github.com/livanshu-saini](https://github.com/livanshu-saini)

## EDUCATION

<b>Chitkara University</b> <i>Bachelor of Technology, Computer Science Engineering</i>	CGPA 8.74 <i>July 2021 – Present</i>
<b>Higher Secondary Certificate (12th)</b> <i>Central Board of Secondary Education (CBSE)</i>	85.6% <i>2021</i>
<b>Secondary School Certificate (10th)</b> <i>Central Board of Secondary Education (CBSE)</i>	91% <i>2019</i>

## PROJECTS

### Sonic Scoop | *Java, Swing, yt-dlp*

- Developed a desktop application to download YouTube videos as MP3 files using **yt-dlp**.
- Built a graphical user interface (GUI) with Java Swing for easy input of video URLs and file-saving options.
- Implemented a process to execute shell commands for downloading and converting audio files.

### PacMan Game | *Java, Swing, AWT*

- Developed a classic Pac-Man game using Java, implementing game logic, animations, and user interactions.
- Used Swing and AWT to create an interactive UI with smooth movement and collision detection.
- Implemented enemy AI for ghosts, including randomized movement and obstacle avoidance.

### Photicted | *React, CSS - Tailwind, HTML, Figma*

- Designed user interface prototypes using Figma, ensuring intuitive navigation and visually appealing design.
- Translated Figma prototypes into functional web applications using React and Tailwind, employing best practices for efficient code structure and performance optimization.

### Local Yatri | *HTML, CSS, JavaScript*

- Designed and created a user-friendly tourism website that makes travel easy by putting together shopping spots with special items, tourist destination info, and dining choices all in one place.
- Utilized HTML and CSS to design and give style to the website, while implementing JavaScript for animations.

## TECHNICAL SKILLS

<b>Programming Languages</b>	Java, Python , SQL, C/C++, HTML, CSS, JavaScript
<b>Developer Tools</b>	Git, SCM, GitHub, Figma, VS Code
<b>Libraries and Frameworks</b>	Java Collections Framework, Java Swing, CSS - TailWind, Bootstrap
<b>Other Skills</b>	Data Structures, OOPs, Linux

## KEY COURSES

Data Structures	Operating Systems	System Design
DBMS	Computer Network	Cloud Computing
Front End Engineering	Back End Engineering	

## ACHIEVEMENTS

- Solved 100+ diverse and challenging leetcode problems spanning multiple categories.
- Contributed actively to the C2S2 Photography Club, collaborating with peers to capture and showcase compelling images.
- Served as House Captain during 12th grade, leading meetings, organizing events.