

Dimple Yadav

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SKILLS

Languages: TypeScript, JavaScript, Python, Tailwind CSS, HTML, CSS

Frameworks: React.js, Node.js, Next.js, Flask, MongoDB, Express.js

Developer Tools: Git, Amazon Web Services(AWS), VS Code, Vercel, PyCharm, Firebase

Libraries: Pandas, NumPy, Matplotlib, Bootstrap

Soft skills: Adaptability and Curiosity to learn new technologies, Teamwork, Creative, Emotional Intelligence.

EDUCATION

Netaji Subhas University of Technology

Dwarka, Delhi

Bachelor of Technology in Electrical and Electronics Engineering

2023 – 2027

M.R.Vivekananda Model School

Dwarka, Delhi

2020 – 2022

- AISSCE(Class XII), Aggregate:88.4
- AISSE(Class X), Aggregate:91.6

PROJECTS/ACHIEVEMENTS

NSUT.AI | *Javascript, MongoDB, React.js, Express, Node.js, Clerk, Vercel*

May 2024 – Present

- Contributed to a full-stack web application for NSUT.AI(the AI society of NSUT),to promote community engagement
- Solely designed the user interface using Figma, prioritizing visual appeal and usability
- Took an active role in frontend development using React for dynamic interactions.
- Integrated Google OAuth via Firebase for secure user authentication
- Utilized MongoDB for database management and incorporated Toastify for enhanced user experience.

CaptionCraft v2 | *Typescript, Next.js, whisperX, ffmpeg, pytorch, clouinary, CUDA*

March 2024 – Present

- Conceptualized and developed "Caption Craft", a project inspired by the Minecraft theme, aimed at generating subtitles for local and youtube videos.
- Integrated pytube for generating subtitles from youtube links and clouinary for local videos.
- Utilized ffmpeg to dynamically convert videos into a compatible format for whisperX.
- Used CUDA for GPU acceleration for computational tasks related to audio processing.

INNOHACKS | *Hackathon*

March 2024

- Advanced to the final round among 40+ teams, competing against four other finalists in our designated problem statement.
- Played an integral role within the team, contributing to our advancement and demonstrating collaborative skills in a competitive environment.

EXTRACURRICULAR

NSUTAI | *the AI society of NSUT*

- Core Member of NSUT.AI Software Department.
- Actively contributed to Various Tech Projects.

Venatus | *the Gaming Society of NSUT*

- Member of Venatus Tech Department and Event Management Department
- Contributed to the Venatus Website codebase.
- Managed various Events in MOKSHA, NSUTHON, etc.