

Dimple Yadav

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SKILLS

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

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

Developer Tools: Git, Amazon Web Services(AWS), Digital Ocean, Vercel, Firebase, NextAuth, Docker, Figma, Spline

Libraries: Pandas, NumPy, Matplotlib

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

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

2020 – 2022

PROJECTS

Doc.io | *TypeScript, Next.js, NextAuth, MongoDB, AWS S3, Contentlayer*

May 2024 – Jul 2024

- Developed Doc.io, A tool that converts markdown text into a user-friendly documentation website.
- Implemented OpenAPI and Swagger UI for API references and Contentlayer for markdown conversion
- Integrated NextAuth for authentication and utilized MongoDB and AWS S3 for data storage.

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

Mar 2024 – Apr 2024

- Conceptualized and developed "Caption Craft", a project aimed at generating subtitles for local and youtube videos.
- Integrated pytube for downloading youtube videos and cloundinary for storage, utilized ffmpeg for preprocessing.
- Used whisperX along with CUDA for GPU acceleration for computational tasks related to audio processing.

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

Feb 2024 – Mar 2024

- Contributed to a full-stack web application for NSUT.AI(the AI society of NSUT),to promote community engagement
- Designed the user interface using Figma and implemented the frontend.
- Utilized Clerk for secure user authentication via OAuth and Employed MongoDB for robust data storage and management.

ACHIEVEMENTS

INNOHACKS | *Hackathon*

Mar 2024

- Advanced to the final round among 40+ teams, competing against four other finalists in our designated problem statement.

EXTRACURRICULAR

Rotary Club of Delhi City | *Community Work*

- Volunteered 80 hours to teach underprivileged children, spreading awareness about various educational and societal topics.

NSUT.AI | *the AI society of NSUT*

- Core Member of NSUT.AI Software Department.
- Raced through the basics of full-stack development in 10 days and worked on the societies Website immediately after.
- 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.