ANKIT PUNDIR

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portfolio

Education

Graphic Era Hill University   **Oct. 2021 – Present**
Bachelor of Technology in Computer Science and Engineering, SGPA - 7.9   *Dehradun, Uttarakhand*

St.Anthony's Public School   **2021**
Senior Secondary Education, CBSE - 74%   *Tehri, Uttarakhand*

Carmel School, Chamba   **2019**
Secondary Education, ICSE - 74%   *Chamba, Uttarakhand*

Projects

SpeedType Showdown | *React js, Socket.io, Node js, Tailwind css, Algorithms*   ▶ **Try Game**   ⭘ **github link**
- Developed a real-time, multiplayer typing race game, where you can test your skills against the clock and friends
- Build a robust real-time communication mechanism using WebSockets (Socket.io) with an average latency of 73 milliseconds, resulting in smooth user experience
- Leaderboards and Statistics: Wrote a robust algorithm to evaluate the scores and final leaderboard, based on the factors like - typing speed, accuracy, finish time, errors.
- Scalability: the game supports multiple rooms being created and played simultaneously

Zen Surfer | *Chrome Manifest v3, JavaScript, Chrome Extension/Storage API,HTML*   ⬇ **Download**   ⭘ **github link**
- Developed a Chrome extension aimed at improving productivity and focus while browsing the web.
- Utilized Mutation Observer to dynamically block distracting elements in real-time, ensuring the user is never distracted.
- Features: blacklisting websites, focus mode, customizable blocking, focus reminders, Pomodoro timer integration, BGM to enhance focus.

YouNotes | *Machine Learning , NLP, PostgreSQL, react native*   ⬇ **Download**   ⭘ **github link**
- Created an innovative mobile application, "YouNotes", leveraging Machine Learning and NLP technologies. The app enables users to summarize and take notes on YouTube videos without the need for full viewing.
- Implemented advanced Natural Language Processing techniques to extract relevant information from video transcripts, facilitating efficient summarization and note-taking for users.
- Utilized PostgreSQL database for storing and retrieving notes, ensuring seamless user experience with fast access to saved content.

Technical Skills

Languages: **C++** (proficient), **Javascript** (proficient), **C** (intermediate), **Java** (proficient), **Typescript** (intermediate), **SQL** (intermediate)
Technologies/Frameworks: React JS, Next JS, Tailwind css, MongoDB, Express JS, Node JS, Github, PostgreSQL, WebSockets (socket.io), webRTC.

Achievements

Finalist of U-Hackathon 4.0-Meta (team lead) | *Aug, 2023 - Sep, 2023*   **Certificate**
- Our team's innovative approach, emphasizing on **Enhancing The Online Learning Experience** earned us a place in the top 25 out of 300 competing teams nationwide. Following our selection, we built a full-stack Learning Management System (LMS) web application that seamlessly aligned with our chosen theme.

Coding Profiles | *May 2022 - present*
- 500+ DSA problems solved on Leetcode | (**Leetcode Profile link**)
- 800+ Score on GeekForGeeks | (**GFG Profile link**)

LeetCode Contest Rankings
- Ranked **239th** out of 25,399 participants in the LeetCode Biweekly Contest on **February 4, 2023**.
- Ranked **946th** out of 24,875 participants in the LeetCode Weekly Contest on **January 28, 2024**.
- LeetCode contest rating of **1,861**(max), competing in the top 5% worldwide with a **Knight** badge.