Ayush Prakash

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EDUCATION

B.E. in Information Technology at **Jadavpur University**	(CGPA: 8.0/10.0)	Jul 2020 - Jun 2024
Class 12th at **DAV Model School**	(94.0 %)	2019
Class 10th at **DAV Model School**	(CGPA: 9.2/10.0)	2017

SKILLS

Languages	C++
WebDev	HTML-CSS-JavaScript, NodeJs
Courses	Data Structures and Algorithms
Soft Skills	Leadership, Problem Solving, Communication

PROJECTS

HYPE   Link to Github
- Developed Hype, a dynamic social media platform utilizing **ReactJS** and **Node.js** technologies.
- Facilitated user registration, the ability to upload profile pictures, and the establishment of connections between friends and designed an intuitive frontend utilizing **Redux Toolkit** and **Material UI**.
- Integrated **MongoDB** to manage data and employed **JWT Token** for user authentication.

WEB SCAN   Link to Demo
- Created an AI Summarizer platform utilizing **React.js** and **Redux.js** toolkit, automating the generation of summary sourced from user-provided URLs. Supports summarization in over **30 languages**.
- Optimized performance by caching previously summarized articles within the browser, resulting in an average latency of **5.8 seconds**.

SCRAP UNCLE   Link to Github
- Implemented a **Waste management and Sorting** System to connect households with scrap collectors
- Empowers users to categorize their waste into 3 primary groups - Organic, Recyclable, and E-Waste.
- Incorporated **Machine Learning** to analyze images and identify the classification of debris, achieving an average accuracy of 93.5 %.

SKEEPS   Link to Demo
- Engineered a successful Google Keep replica, embraced by a user base exceeding **25,000**.
- Crafted utilizing **ReactJS**, the project efficiently stores note data on the **Firebase** server, leading to a **20%** reduction in paperwork.
- Enriched the user experience by incorporating a content copying feature, complemented by diverse warning and update notifications facilitated through **React Toast**.

HOBBIES

Rubik's cube
Photography
Badminton