YASH RAJORIA

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https://github.com/rajyash205

Engineering student at Thapar Institute of Engineering & Technology. Currently engaged as researcher within college. Paving my way to field of data science and machine learning. Naïve finance enthusiast.

PROFESSIONAL EXPERIENCE

Suicide/Depression Research Work, TIET, Patiala   2024 – Present

Research Paper Writer & Researcher

- Developed an innovative algorithm leveraging machine learning techniques for early detection of suicidal ideation, improving intervention effectiveness.
- Employed natural language processing (NLP) to analyze social media data, identifying linguistic markers indicative of suicidal tendencies.
- Proposed a scalable framework integrating data from diverse sources, including wearable devices and online activity, to provide personalized intervention strategies.
- Demonstrated significant potential for real-time application in mental health care systems, contributing to the advancement of suicide prevention efforts through technology.

Drishti, TIET, Patiala (Web Developer)   2023 – Present

- Creating a website for easy access of the customers.
- Writing HTML5 and JavaScript libraries to display real time pricing and current location of user, leading to increased customer satisfaction.
- Conducting research for the betterment of product.
- Pitched our idea at IIT Kanpur to receive funding.

Edcams, New Delhi (Date Capture Specialist)   Jul. 2021 – Oct. 2021

- Analyzed user needs and software requirements to determine feasibility of design, ensuring project completion 3 weeks prior to targeted due date.
- Worked on MS Excel and Power BI to boost reach of the application.
- Connected new users to the application database.

EDUCATION

Thapar Institute of Engineering & Technology, Patiala, Punjab   2021-2025
Bachelor of Computer Engineering

Projects

Smart Education Software (AI-ML support)	2024-Present
Tweet Sentiment Analysis using NLP with Multithreading	2023-2023
Hospital Management System (DBMS/Full-Stack)	2023-2023
Self-Lane Adjustment Software	2023-2023

SKILLS & OTHER

Skills: CSS, JavaScript, REACT JS, Python, SQL, HTML, Database management software, Data Structures & Algorithm (Intermediate), C++, Machine Learning, Tableau, Full-Stack Web Development (MERN), R, R libraries

Achievement: Codechef Rating 3-stars, MLSC Hackathon Winner (All-India Level), Haryana Govt. ATL Winner. Coursera Data Scientist course