

PROPOSED PROJECT TOPICS

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TOPIC 1: FRAUD DETECTION LAYER FOR PAYMENT GATEWAYS

- This works by analyzing online credit card/bank transactions on existing payment processors (Stripe, Paystack, etc.) and detects potential fraud (chargebacks, etc.) before the user/scammer tries to complete the transaction. This can be implemented by training an AI model with datasets of common fraud patterns and using it to communicate with the payment gateway's webhook to either approve or reject the transaction based on the fraud score.

TOPIC 2: CONTENT GAP ANALYSIS AND CONTENT SUGGESTION

- This helps already existing companies and enterprises that rely heavily on media content to analyze the contents they have and identify the gaps in them (outdated articles, missing content, etc.). This can be implemented using Natural Language Processing (NLP) to go through existing content and recommend new topics/updates.

TOPIC 3: DYNAMIC ACCESS CONTROL WITH BEHAVIOURAL BIOMETRICS

- Role-based admin access is static and prone to security issues since the authorization credentials can be shared. This system uses Machine Learning driven techniques to monitor the behaviour of an admin while using a company's Content Management System(CMS). If there is an unusual pattern of behaviour (bulk data downloads, mass deletion, etc), it revokes access to the CMS and alerts the attention of a super user.