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# PROJECT COLLABORATION PORTAL

A dark blue background featuring a glowing, abstract network of blue dots connected by lines, creating a sense of digital connectivity and data flow.

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# PROBLEM STATEMENT

For students, finding collaborators for projects can be particularly challenging. These groups often lack access to established professional networks and may not have the resources to effectively promote their project ideas or search for suitable partners. This project aims to create a web platform that streamlines the process of finding collaborators, making it easier for users to bring their ideas to reality.

# SOLUTION

The platform will :

- **Enable robust user authentication and profile creation:** Securely authenticate users (students) using JWT and allow them to create detailed profiles showcasing their skills, past projects and professional links.
- **Streamline project and competition posting:** Provide team leads (students) with an user-friendly form to post detailed information about projects and hackathons, including titles, descriptions, deadlines and required skills.
- **Facilitate efficient team matchmaking:** Implement a swipe-based matching mechanism to connect students, enabling them to express interest in collaborating with others. The platform will also allow collaboration requests, allowing users to track and fulfill them effectively.

# TECHNOLOGY USED:

## FRONTEND

- HTML
- CSS
- JAVASCRIPT

## BACKEND

- NODE.JS

## DATABASE

- MYSQL



# FUTURE SCOPE:



- **Messaging feature** addition to the platform : This will enable the users to connect with each other on the platform without any hustle.
- **Senior - Junior connection** : Connecting with seniors for sharing of experiences, any tips or collaborations.
- **AI based Recommendations** : Suggestions for collaborators based on the skills required and project resources or tutorials recommendation.

# THANK YOU

