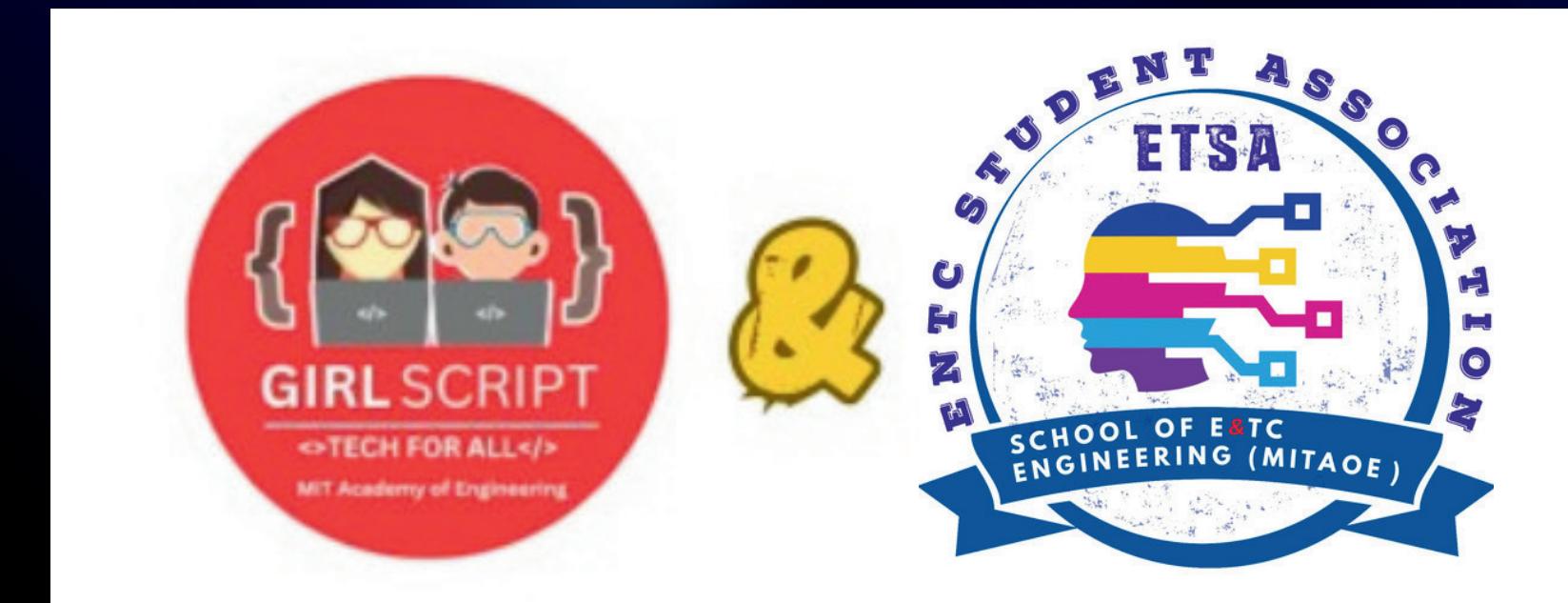


# Datathon 2025

ROUND 1 - IDEA SUBMISSION





# TEAM INFORMATION

- **Team Name:** TECHNITIUM
- **Problem Statement :** Internship & Project Collaboration Hub For Students
- **College Name :** MIT-AOE, PCU
- **Problem Statement Id :** PROB1103
- **Section:** Software
- **Year :** FY

# MEET THE TEAM



## YASHRAJ GHULE

Role: **TEAM LEAD- FRONTEND AND BACKEND DEVELOPMENT**

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## SAANVI NAIK

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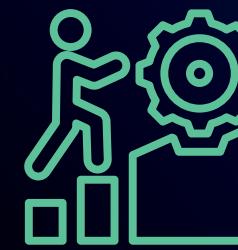
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## ZAKI SHAHPURE

Role: FRONTEND AND BACKEND DEVELOPMENT

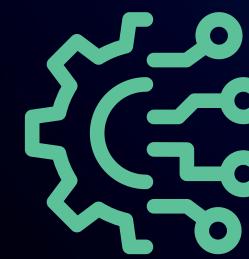
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# THE CHALLENGE: PROBLEM STATEMENT

- **Detailed Problem:**
  - Many students struggle to find internships or team members for projects. There is no dedicated platform where students can easily post or find internships and collaborate on projects.
- **Key Challenges:**
  - Limited Internship Opportunities: Students often find it hard to discover relevant internships without a structured platform.
  - Finding Teammates: Students need an easy way to connect with peers who have complementary skills.
  - Lack of Collaboration Forum: A discussion space is needed for students to ask queries and collaborate efficiently.

A green icon of a gear with internal circuit board patterns, symbolizing software or hardware integration.

# TECH STACK: SOFTWARE & HARDWARE



## Software

- **Frontend:** React.js
- **Backend:** Node.js + Express.js
- **Database:** MongoDB
- **Authentication:** Self User Creation Methods, Google SignIn
- **Hosting:** Azure/AWS



## Environment

Our solution uses local IDE and Databases for development and testing and future scalability options include the cloud platforms.



# INSPIRATION BEHIND OUR SOLUTION



## Existing Solutions



- **UnStop, Internshala & LinkedIn**
- **Limitation:** These platforms are primarily for experienced professionals or require company listings, making it hard for students to find direct project-based collaborations.



## Source 1 – Research Papers on Skill-Based Hiring

- **Key Takeaway:** Research shows that employers increasingly prefer skill-based assessments over traditional resumes. This influenced our approach by integrating a skill as well as project-based experience system rather than relying solely on resumes.



## Source 2 – Student & Recruiter Interviews

- **Key takeaway:** Students and Faculty highlighted a lack of practical, real-world project opportunities for skill development. Our solution focuses on bridging this gap by providing a platform for students to find like minded person in their institution and collaborate on amazing ideas!



# INNOVATION & CREATIVITY

## Swipe Cards

Swipe cards like Tinder for the internship seeker as well as the person posting

## AI Based Resume Scanning

Real time resume scanning and skill listing, which helps in recommending the right opportunities.



# SOCIAL IMPACT & SUSTAINABILITY



**Target Group:** Job seekers, students, and career changers.

## How they benefit:

- Access to skill-based job matching.
- Increased hiring chances through AI-driven recommendations.
- A fairer hiring process focused on skills, not just degrees.

- Milestone 1: Launch Beta Version – Test platform with early adopters and recruiters.
- Gather user feedback for improvement.
- Milestone 2: AI-Driven Resume Scoring – Implement AI-based candidate ranking.
- Enhance recruiter-side analytics.

1  
**Beneficiaries**

**Sustainability**

2

3  
**Future**

- Minimized resource usage through an efficient cloud-based system.
- Reducing the carbon footprint of traditional hiring by eliminating unnecessary paperwork.
- Enabling remote assessments to reduce travel-related emissions.

