MATURI VENKATA SUBBA RAO (M.V.S.R) ENGINEERING COLLEGE
Nadergul,Hyderabad-501510
(Sponsored by Matrusri Education Society , Estd.1980)
Approved by AICTE &Affiliated to Osmania University , Estd.1981)
ISO 9001:2015 Certified Institution , Accredited by NAAC
Website : www.mvsrec.edu.in
(An Autonomous Institute)
DEPARTMENT OF INFORMATION TECHNOLOGY

Implementation of Alumni Association Platform

SIH ID:1609

TEAM DETAILS:

M. Amitha Sree (2451-21-737-076)

K. Sravani (2451-21-737-106)

A. Sreeja (2451-21-737-112)

GUIDE DETAILS:

Dr. B. Vasavi

Asst. Professor

ABSTRACT

The Alumni Association Platform is a comprehensive system designed to maintain strong connections between alumni and their alma mater. It offers a wide range of features to support professional growth and community engagement. Through job posting, alumni and institutions can share career opportunities with students and fellow graduates. The platform facilitates effective communication via messaging, and real-time chat, keeping members actively connected. It supports event management, making it easy to organize reunions, webinars, and other gatherings. A mentorship feature allows experienced alumni to guide current students in their academic and professional journeys. Additionally, the platform promotes fundraising efforts by enabling donation drives and campaigns, further contributing to institutional development. Overall, it serves as a dynamic hub for connection, collaboration, and lifelong engagement.

PROBLEM STATEMENT

Many educational institutions struggle to maintain meaningful connections with their alumni, leading to missed opportunities for networking, mentorship, and institutional support. Existing systems often lack integrated communication tools, event management capabilities, and secure data handling, resulting in fragmented alumni engagement. Additionally, the absence of a comprehensive database makes it difficult to track alumni career progress and contributions.

OBJECTIVES

Donations & Fundraising: Support institutional growth through contributions.

Job Posting and Searching: Facilitate employment opportunities for alumni and students.

Events and Reunions: Provide information on alumni meetups and reunions

Profile Management: Maintain separate profile for admin, alumni, and students, displaying personal information and achievements.

SCOPE OF THE PROJECT

The alumni association platform aims to connect former students with their alma mater and fellow graduates. It facilitates networking, mentorship, career opportunities, and event management. The platform enables seamless communication, organise reunions, and supports fundraising initiatives for institutional growth. It serves as a hub for knowledge sharing, job postings. By strengthening alumni engagement, the platform fosters a lifelong relationship between graduates and the institution.

TECHNOLOGY STACK

Frontend:

Html ,css , Javascript which specifies version for frontend tools.

Backend:

Local host using Xampp and php used for login credentials.

Algorithms:

Machine learning Algorithm used for the mentorship between the alumni and students.

DevOps:

Docker: For deploying the application in production.

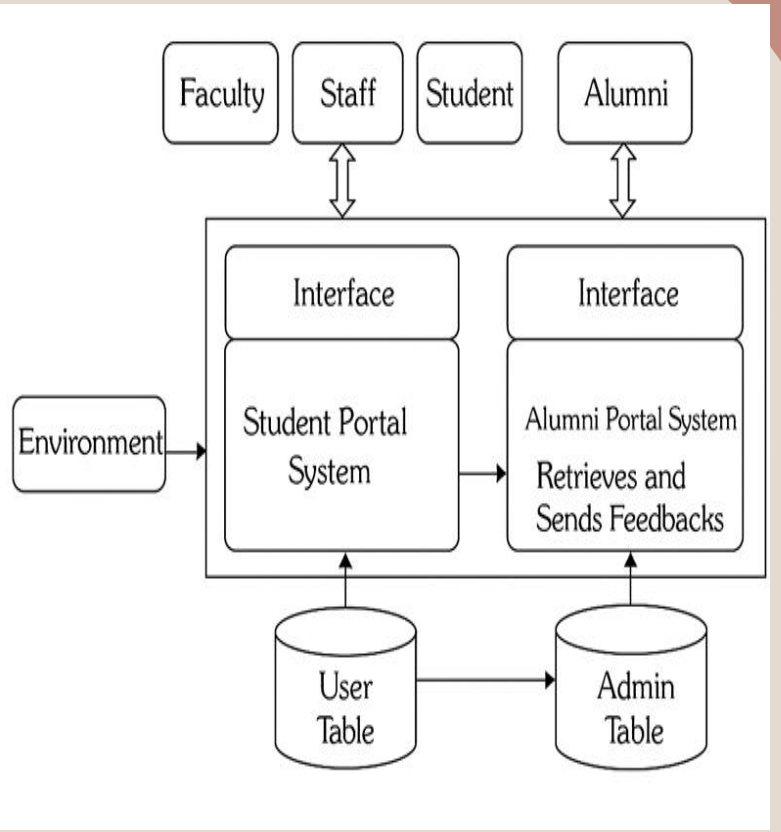
Git hub actions: Supports CI/CD pipelines.

MODULES DESCRIPTION

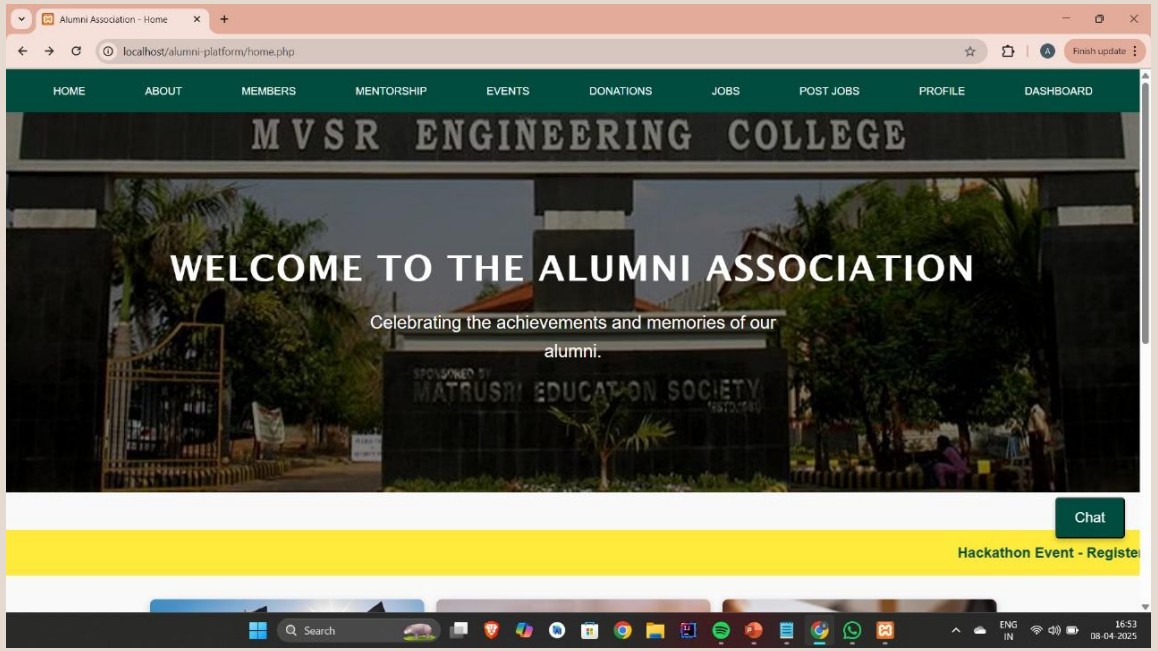
- **User Management:** Handles user registration, login, authentication, and profile management.
- **Alumni Directory:** Stores and displays alumni details with search and filter options.
- **Event Management:** Allows creating and managing for alumni events.
- **Networking & Communication:** Provides messaging for alumni interactions.
- **Donations & Payments:** Uses QR code for processing membership fees and donations.
- **Content Management:** Manages news, announcements, blogs, and newsletters.
- **Job & Internship Board:** Enables alumni to share job opportunities and internships.
- **Admin Dashboard:** Provides controls for managing users, events, donations, and content.
- **Cloud Storage & Hosting:** Uses Google Cloud for data storage and application hosting.

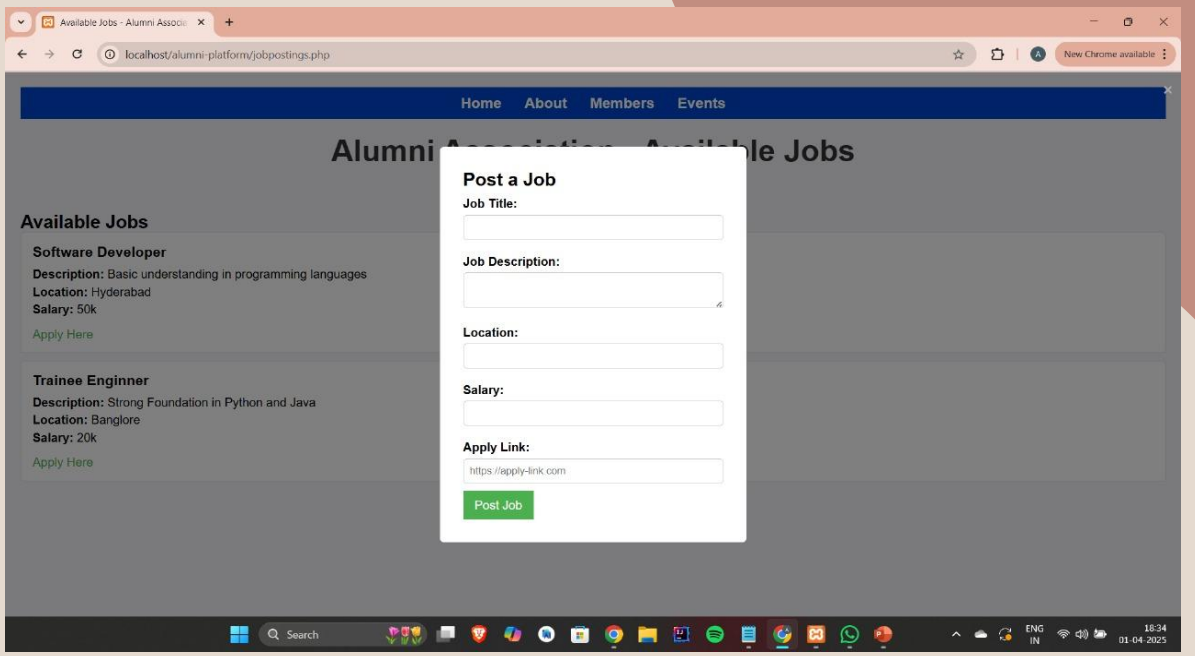
METHODOLOGY

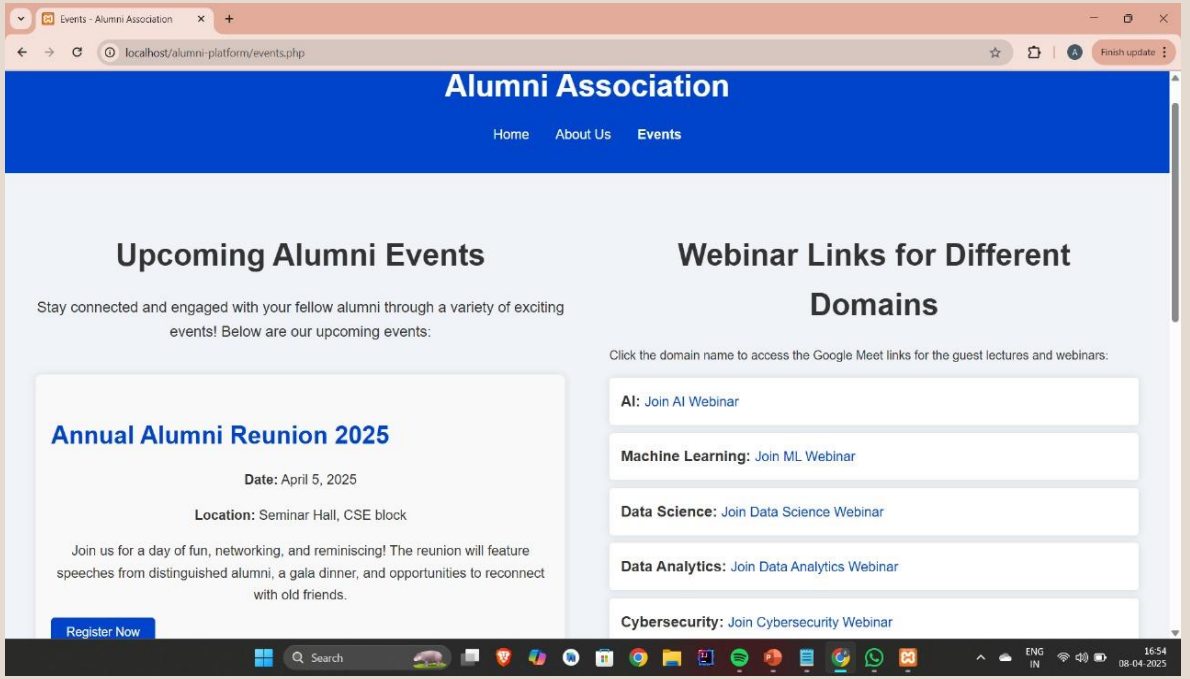
The alumni association platform is implemented using an agile approach, ensuring flexibility and iterative development. It starts with gathering requirements, designing architecture, and choosing the right technologies. Core features such as job portals, event management, and mentorship are prioritized to enhance user engagement. Regular feedback from users is incorporated in each development cycle to refine features and improve usability. Continuous testing and deployment practices are followed to maintain system stability and performance. The scalable design also allows easy integration of features like real-time chat, webinars, and fundraising tools

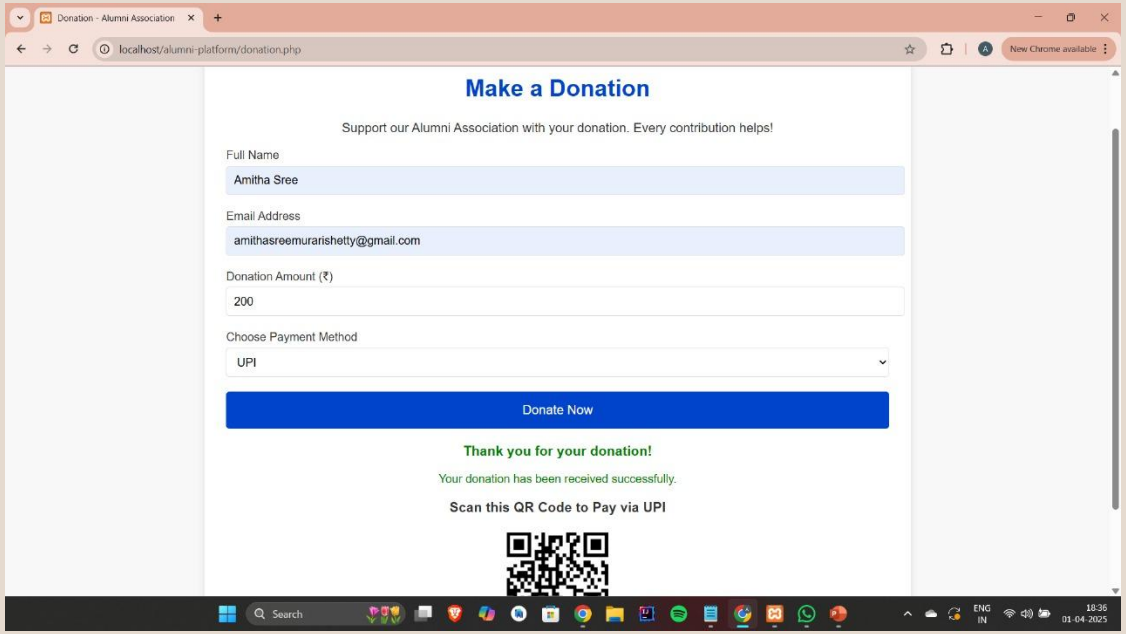


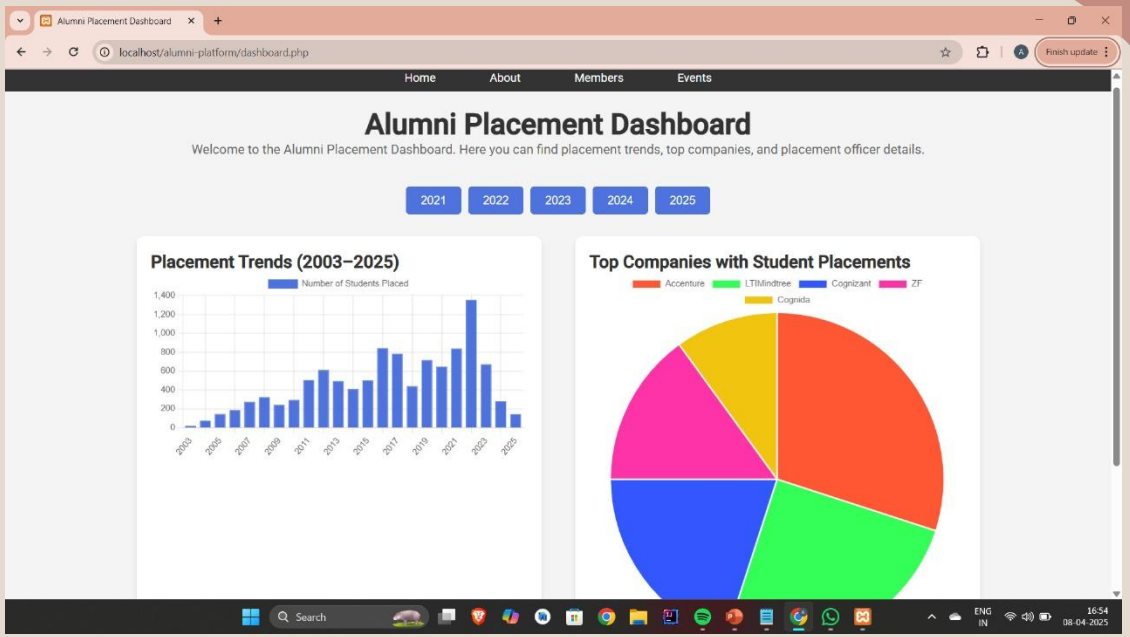
RESULTS


Alumni Association - Home
localhost/alumni-platform/home.php
HOME
ABOUT
MEMBERS
MENTORSHIP
EVENTS
DONATIONS
JOBS
POST JOBS
PROFILE
DASHBOARD
MVSR ENGINEERING COLLEGE
WELCOME TO THE ALUMNI ASSOCIATION
Celebrating the achievements and memories of our alumni.
Chat
Hackathon Event - Registe


Available Jobs - Alumni Associa
localhost/alumni-platform/jobpostings.php
Home
About
Members
Events
Available Jobs
Software Developer
Description: Basic understanding in programming languages
Location: Hyderabad
Salary: 50k
Apply Here
Trainee Enginner
Description: Strong Foundation in Python and Java
Location: Banglore
Salary: 20k
Apply Here
Post a Job
Job Title:
Job Description:
Location:
Salary:
Apply Link:
https://apply-link.com
Post Job


Events - Alumni Association
localhost/alumni-platform/events.php
Alumni Association
Home
About Us
Events
Upcoming Alumni Events
Stay connected and engaged with your fellow alumni through a variety of exciting events! Below are our upcoming events:
Annual Alumni Reunion 2025
Date: April 5, 2025
Location: Seminar Hall, CSE block
Join us for a day of fun, networking, and reminiscing! The reunion will feature speeches from distinguished alumni, a gala dinner, and opportunities to reconnect with old friends.
Register Now
Webinar Links for Different Domains
Click the domain name to access the Google Meet links for the guest lectures and webinars:
AI: Join AI Webinar
Machine Learning: Join ML Webinar
Data Science: Join Data Science Webinar
Data Analytics: Join Data Analytics Webinar
Cybersecurity: Join Cybersecurity Webinar


Donation - Alumni Association
localhost/alumni-platform/donation.php
Make a Donation
Support our Alumni Association with your donation. Every contribution helps!
Full Name
Amitha Sree
Email Address
amithasreemurarishetty@gmail.com
Donation Amount (₹)
200
Choose Payment Method
UPI
Donate Now
Thank you for your donation!
Your donation has been received successfully.
Scan this QR Code to Pay via UPI


Alumni Placement Dashboard
localhost/alumni-platform/dashboard.php
Home
About
Members
Events
Alumni Placement Dashboard
Welcome to the Alumni Placement Dashboard. Here you can find placement trends, top companies, and placement officer details.
2021
2022
2023
2024
2025
Placement Trends (2003–2025)
Number of Students Placed
Top Companies with Student Placements
Accenture
LTIMindtree
Cognizant
ZF
Cognida

CONCLUSION AND FUTURE ENHANCEMENTS

The Alumni Association Platform effectively connects past and present members, fostering networking, collaboration, and engagement. By managing authentication within XAMPP, it ensures secure access and smooth functionality. The platform simplifies data management, enhances user experience, and provides a centralized hub for communication and professional growth. With its scalable design, it can be expanded to include features like event management, mentorship programs, and real-time chat. Overall, the platform strengthens alumni relations and serves as a valuable tool for maintaining long-term connections and opportunities.

Future enhancements for the Alumni Association Platform include:

Event Management System – Allow alumni to register and RSVP for reunions and gatherings.

Mentorship Program – Connect experienced alumni with recent graduates for career guidance.

Enhanced Security – Strengthen authentication mechanisms and implement data encryption.

Mobile Optimization – Develop a mobile-friendly version or a dedicated mobile app.

Automated Notifications – Enable email and push notifications for updates and announcements.

These enhancements will improve accessibility, security, and overall user experience.