

Implementation of the Alumni-Student Association platform for the Institute.

PRESENTED BY:

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GITHUB: [GitHub link](#)

WEBSITE: [Vercel](#)

IMPLEMENTATION PURPOSE:

- 1) Superadmin Login:
ID: superadmin
Password: superadmin
- 2) Admin Login:
ID: abc
Password: abcd1234
- 3) Student Login:
ID: student1
Password: 438619
- 4) Alumni: Can be Created by Admin
in Admin Dashboard

ABSTRACT

The Net4GradSystem is a web-based platform designed to strengthen the bond between alumni and their alma mater. It enables alumni to register, update their profiles, and stay informed about various opportunities such as events, jobs, and mentorship programs. The system promotes professional networking and collaboration by offering features like direct messaging, forums, and personalized recommendations. It maintains a secure and organized alumni database, tracks career progress, and supports institutional initiatives. With its user-friendly interface and interactive functionalities, the platform encourages lifelong connections, enhances engagement, and fosters meaningful contributions from alumni to their educational institution.

INTRODUCTION

The Net4GradSystem is a comprehensive web-based platform developed to bridge the gap between alumni and their alma mater. In today's digital age, maintaining long-term relationships and fostering professional networks is essential. This system provides an interactive environment where graduates can register, build profiles, and engage with fellow alumni through discussions, events, and mentorship opportunities. By transforming traditional alumni interactions into a seamless digital experience, the platform enhances connectivity, encourages collaboration, and supports the ongoing growth of both alumni and the institution.

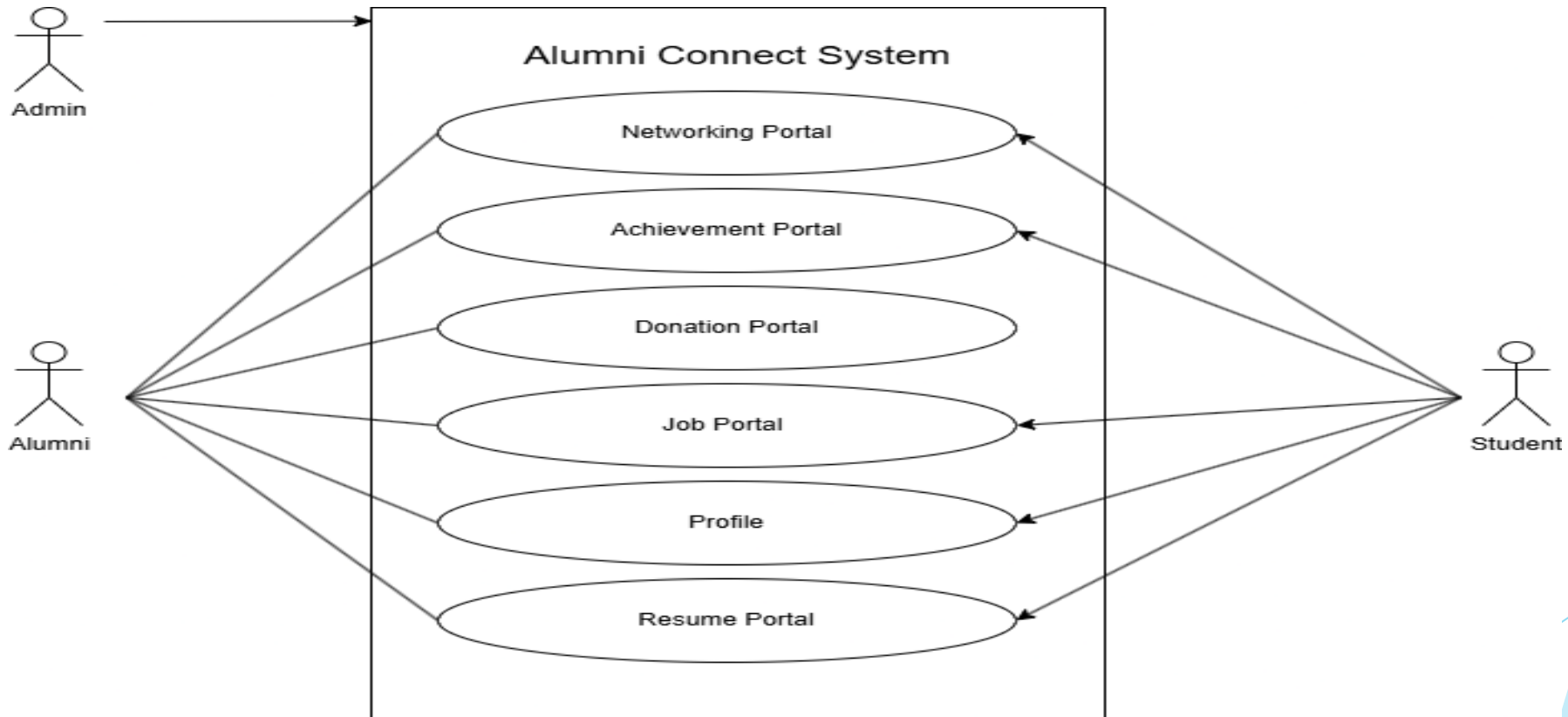
OBJECTIVE

- ▶ To develop a web-based platform that connects alumni with their alma mater and fellow graduates.
- ▶ To enable alumni to register, update personal and professional profiles, and maintain long-term connections.
- ▶ To provide access to institutional updates, job opportunities, and mentorship programs.
- ▶ To facilitate professional networking and collaboration among alumni through features like forums and messaging.
- ▶ To automate the management of alumni data and streamline event organization.
- ▶ To promote active alumni engagement and contribution to institutional growth.
- ▶ To ensure a user-friendly and secure environment for seamless alumni interactions.

FACILITIES REQUIRED

- ▶ Frontend : Next.js, Tailwind CSS
- ▶ Backend : FastAPI
- ▶ Database: MongoDB
- ▶ Authentication & Authorization: JWT (JSON Web Token)
- ▶ Hosting Platform: Vercel, Render
- ▶ Version Control: Git & GitHub
- ▶ Development Tools: Trae IDE

UML DIAGRAM



IMPACT AND BENEFITS



NETWORKING

Alumni connecting, growing careers, and fostering vibrant community camaraderie.



ENGAGEMENT

Alumni stay involved, contributing to institutional growth and development.



MENTORSHIP

Alumni will guide virtually and personally boosting career growth



DONATIONS

Increased Philanthropic support towards college Growth and Development Initiatives.



RESEARCH

Alumni share expertise, knowledge and professional development.



REPUTATION

Highlighting Pride which enhances institutional prestige and inspire youth.



GROWTH

Alumni contributions drive strategic initiatives and institutional advancement.



RECOMMENDATION

AI algorithms recommend events, connections, and opportunities based on user preferences and behavior, enhancing engagement and satisfaction.



OPTIMISATION

Provide instant support and personalized communication, improving user interaction and reducing response time.




STARTUP FUNDING

Engaged alumni network attracts investors, supporting student-focused initiatives.

Business Value & Commercial Potential

- ▶ Builds lifelong engagement, boosting brand loyalty and reputation
- ▶ Unlocks new revenue streams via alumni fundraising and sponsorship.
- ▶ Provides a trusted network for jobs, mentoring, and business collaborations
- ▶ Targets universities, schools, corporates – large scalable market
- ▶ SaaS subscription + event commission = sustainable commercial model
- ▶ Offers a secure, customizable, AI-powered platform that grows with institutions
- ▶ Drives organic marketing through alumni advocacy and word-of-mouth
- ▶ Reduces administrative effort with centralized alumni data and automated workflows

IMPLEMENTATION

 **Net4Grad**


Features Success Stories Pricing

Book Demo Login


Connect Your Alumni Network **Like Never Before**

Empower your institution with a modern platform that brings alumni, students, and opportunities together in one seamless network.

[Book a Demo](#)[Learn More](#)




IMPLEMENTATION


 **Net4Grad**


FeaturesSuccess StoriesPricingBook DemoLogin


Trusted by Leading Institutions


Join hundreds of educational institutions that are transforming their alumni networks with our platform.



Cambridge University


JSCOE


JSPM University


JSPM Pharmacy



Harvard University


Stanford University

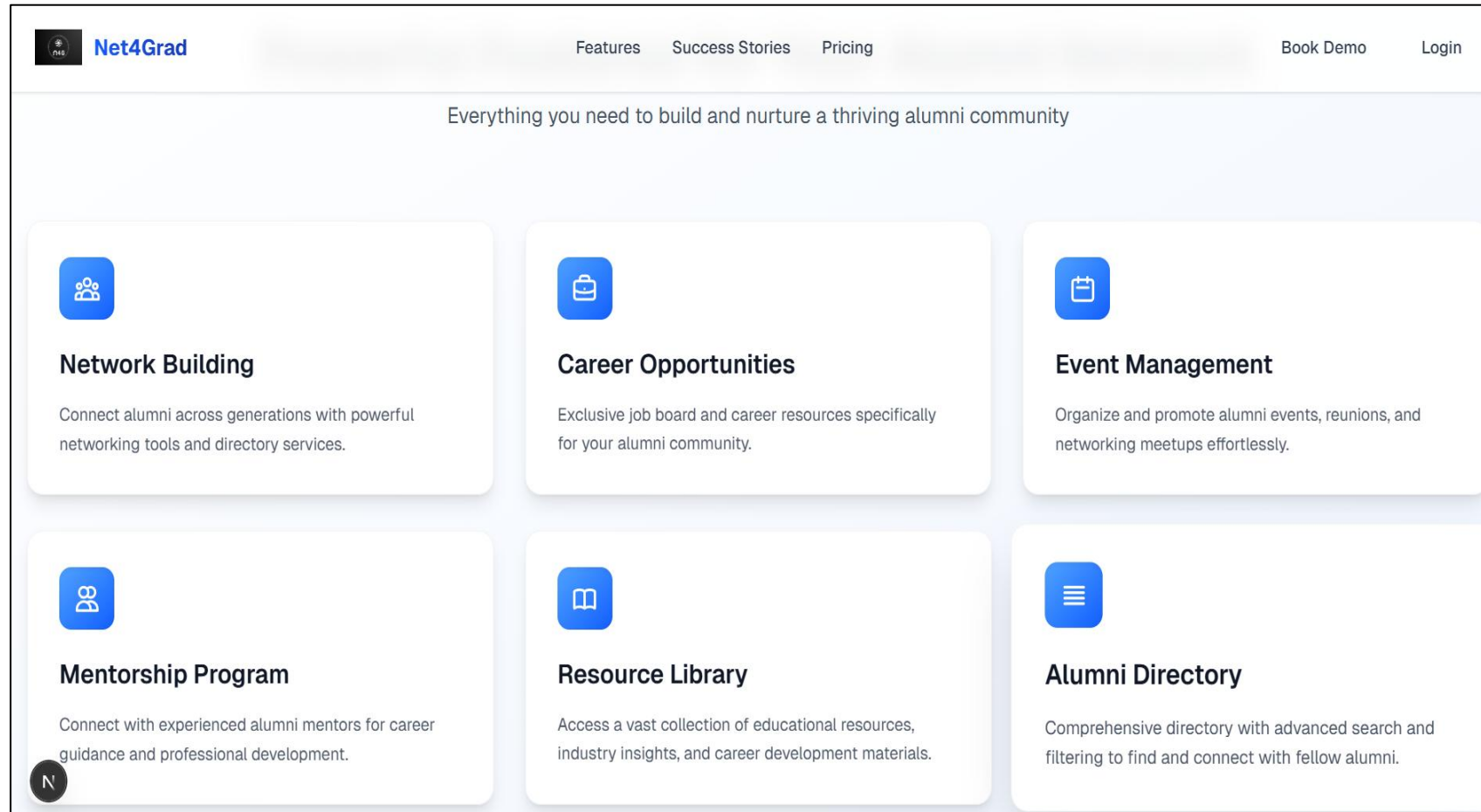
500+
Partner Colleges

1M+
Connected Alumni

50k+
Mentorship Connections



IMPLEMENTATION



The screenshot displays the Net4Grad website interface. At the top, the navigation bar includes the Net4Grad logo, links for Features, Success Stories, and Pricing, and buttons for Book Demo and Login. The main heading states, "Everything you need to build and nurture a thriving alumni community." Below this, six feature cards are arranged in a 2x3 grid, each with a blue icon, a title, and a brief description. A small circular icon with the letter 'N' is located in the bottom-left corner of the page.

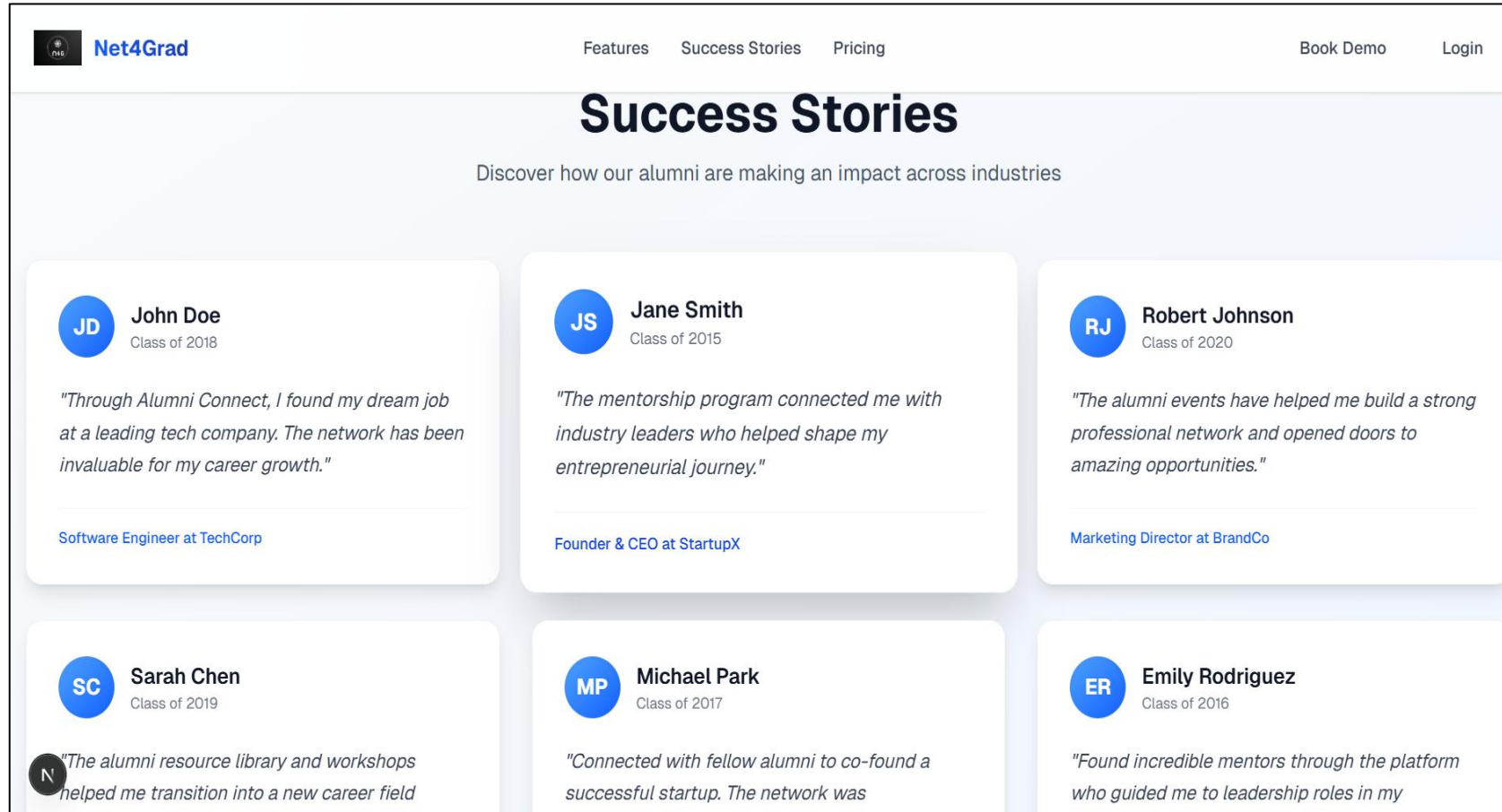
Net4Grad Features Success Stories Pricing Book Demo Login

Everything you need to build and nurture a thriving alumni community

- Network Building**
Connect alumni across generations with powerful networking tools and directory services.
- Career Opportunities**
Exclusive job board and career resources specifically for your alumni community.
- Event Management**
Organize and promote alumni events, reunions, and networking meetups effortlessly.
- Mentorship Program**
Connect with experienced alumni mentors for career guidance and professional development.
- Resource Library**
Access a vast collection of educational resources, industry insights, and career development materials.
- Alumni Directory**
Comprehensive directory with advanced search and filtering to find and connect with fellow alumni.

N


IMPLEMENTATION



The screenshot shows the 'Success Stories' page of the Net4Grad website. The page features a header with the Net4Grad logo and navigation links for Features, Success Stories, Pricing, Book Demo, and Login. The main heading is 'Success Stories' with a subtext 'Discover how our alumni are making an impact across industries'. Below this, there are six testimonial cards arranged in a 2x3 grid. Each card includes a circular profile picture with initials, the name of the alumni, their class year, a quote about their experience, and their current role.

Initials	Name	Class of	Quote	Current Role
JD	John Doe	2018	"Through Alumni Connect, I found my dream job at a leading tech company. The network has been invaluable for my career growth."	Software Engineer at TechCorp
JS	Jane Smith	2015	"The mentorship program connected me with industry leaders who helped shape my entrepreneurial journey."	Founder & CEO at StartupX
RJ	Robert Johnson	2020	"The alumni events have helped me build a strong professional network and opened doors to amazing opportunities."	Marketing Director at BrandCo
SC	Sarah Chen	2019	"The alumni resource library and workshops helped me transition into a new career field."	
MP	Michael Park	2017	"Connected with fellow alumni to co-found a successful startup. The network was..."	
ER	Emily Rodriguez	2016	"Found incredible mentors through the platform who guided me to leadership roles in my..."	

IMPLEMENTATION

 **Net4Grad**

FeaturesSuccess StoriesPricingBook DemoLogin

Simple, Transparent Pricing

Basic
\$99/month
Perfect for small institutions starting their alumni network

- ✓ Up to 1,000 alumni profiles
- ✓ Basic analytics
- ✓ Email support

[Get Started](#)

Most Popular
Pro
\$199/month
Ideal for growing institutions with active alumni engagement

- ✓ Up to 5,000 alumni profiles
- ✓ Advanced analytics
- ✓ Priority support
- ✓ Custom branding

[Get Started](#)


Enterprise
Custom
For large institutions with specific requirements

- ✓ Unlimited alumni profiles
- ✓ Custom analytics
- ✓ 24/7 dedicated support
- ✓ API access

[Contact Sales](#)

2

IMPLEMENTATION

 **Net4Grad**

FeaturesSuccess StoriesPricing

Book DemoLogin

Ready to Transform Your Alumni Network?

Join hundreds of institutions already building stronger communities with Net4Grad.

[Book a Demo](#)[Contact Sales](#)

N4G Net4Grad

Building stronger alumni communities through technology.

Product

Features

Pricing

Security

Roadmap

Company

About

Blog

Careers

Press

Resources

Documentation

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Community

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 **Net4Grad**

FeaturesSuccess StoriesPricing

Book DemoLogin




Connect with your alumni network effortlessly

Join thousands of institutions using Net4Grad to build stronger alumni relationships.

30 day Free Trial

Explore the future of alumni networking

- ✓ Alumni directory management
- ✓ Event organization tools
- ✓ Communication platform
- ✓ Analytics dashboard

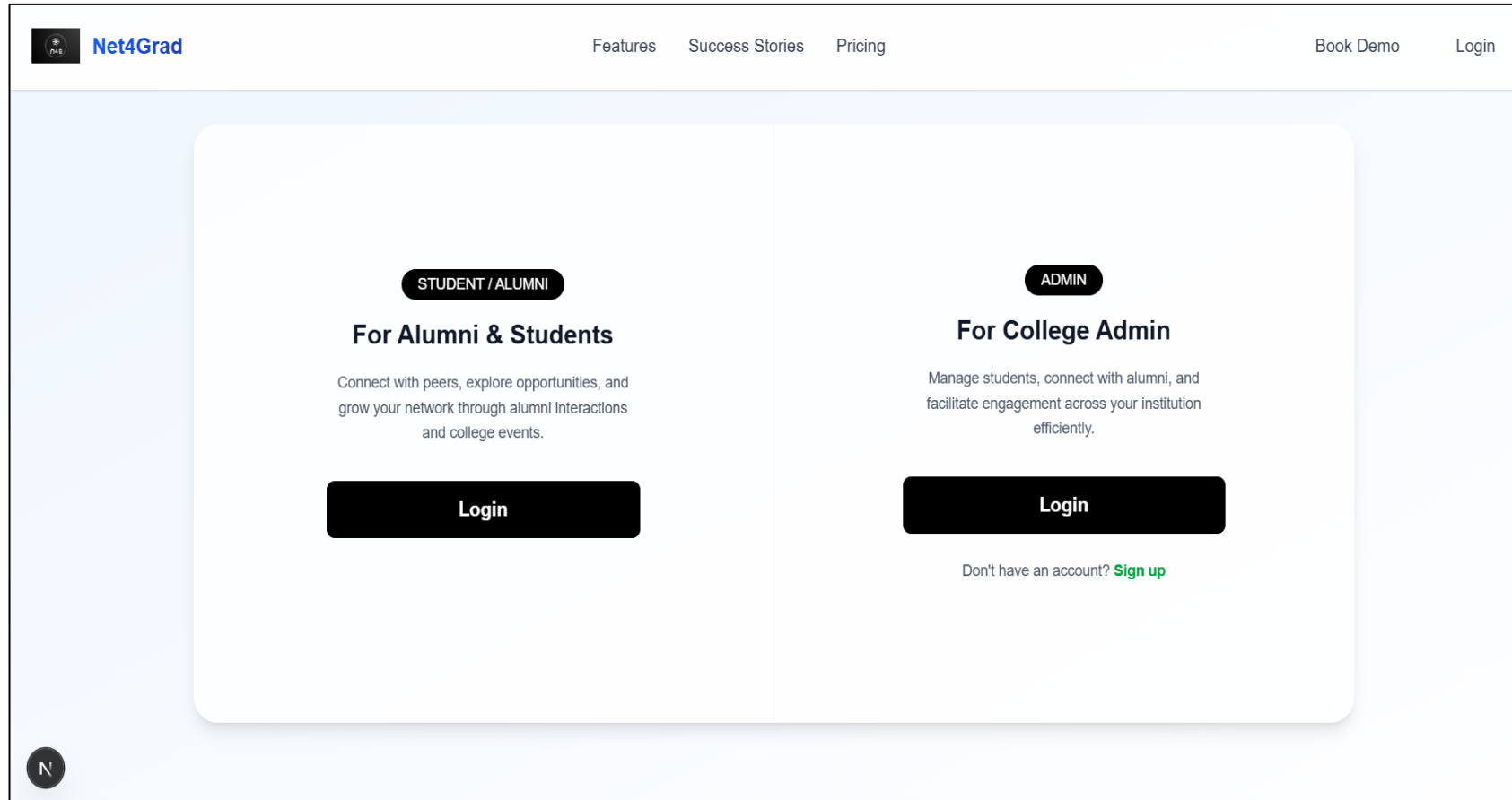


Start your free trial


No Credit Card Required

College ID	College Name
<input type="text"/>	<input type="text"/>
Email	Password
<input type="text"/>	<input type="password"/>
Accreditation	Established Year
<input type="text"/>	<input type="text"/>
Description	
<input type="text"/>	
Location	Phone
<input type="text"/>	<input type="text"/>

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 **Net4Grad**

FeaturesSuccess StoriesPricing

Book DemoLogin

STUDENT / ALUMNI


For Alumni & Students

Connect with peers, explore opportunities, and grow your network through alumni interactions and college events.

ADMIN

For College Admin

Manage students, connect with alumni, and facilitate engagement across your institution efficiently.

**Admin Login**

CollegelD

abc

Password

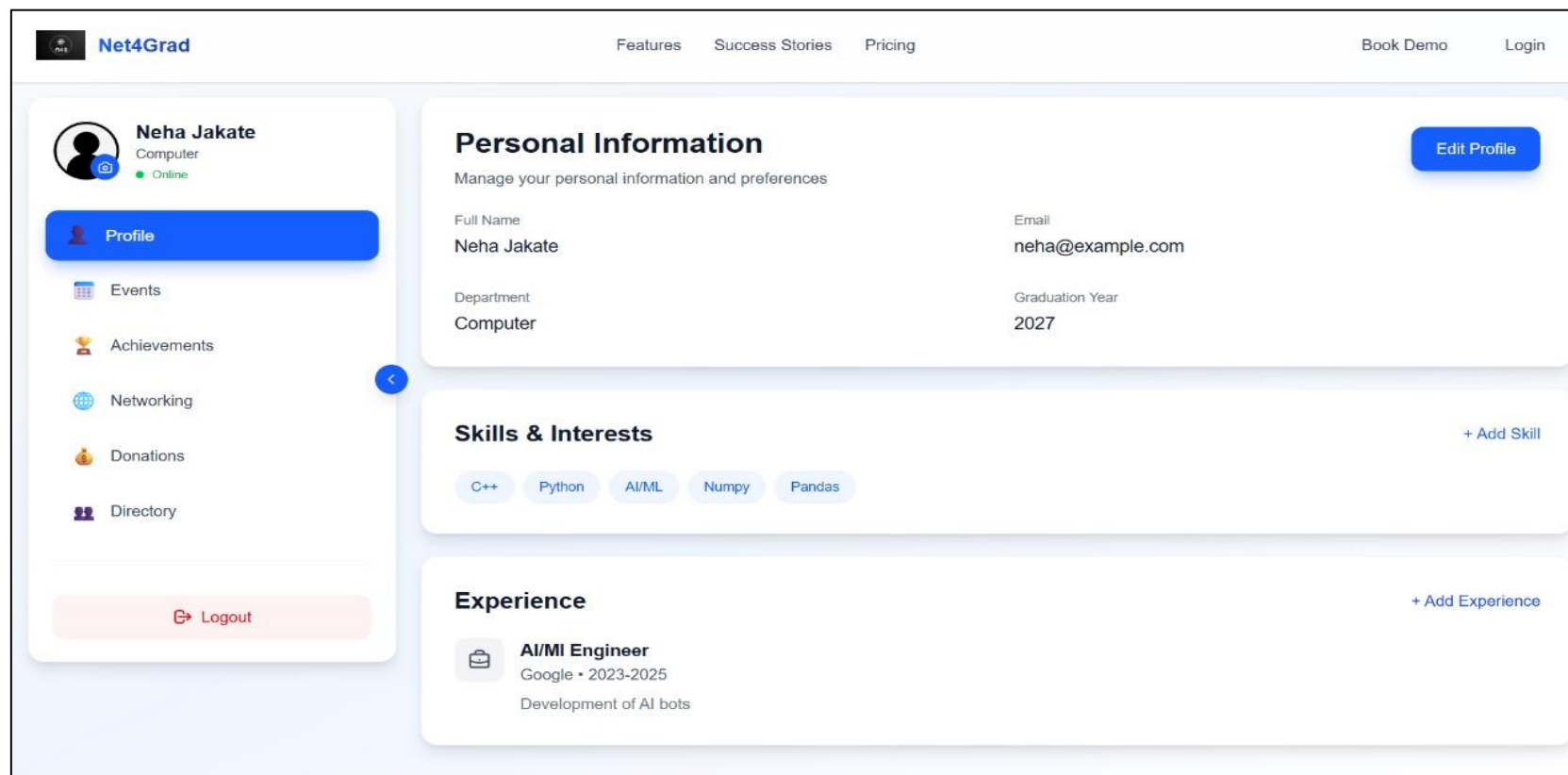
☐ Remember me

[Forgot password?](#)

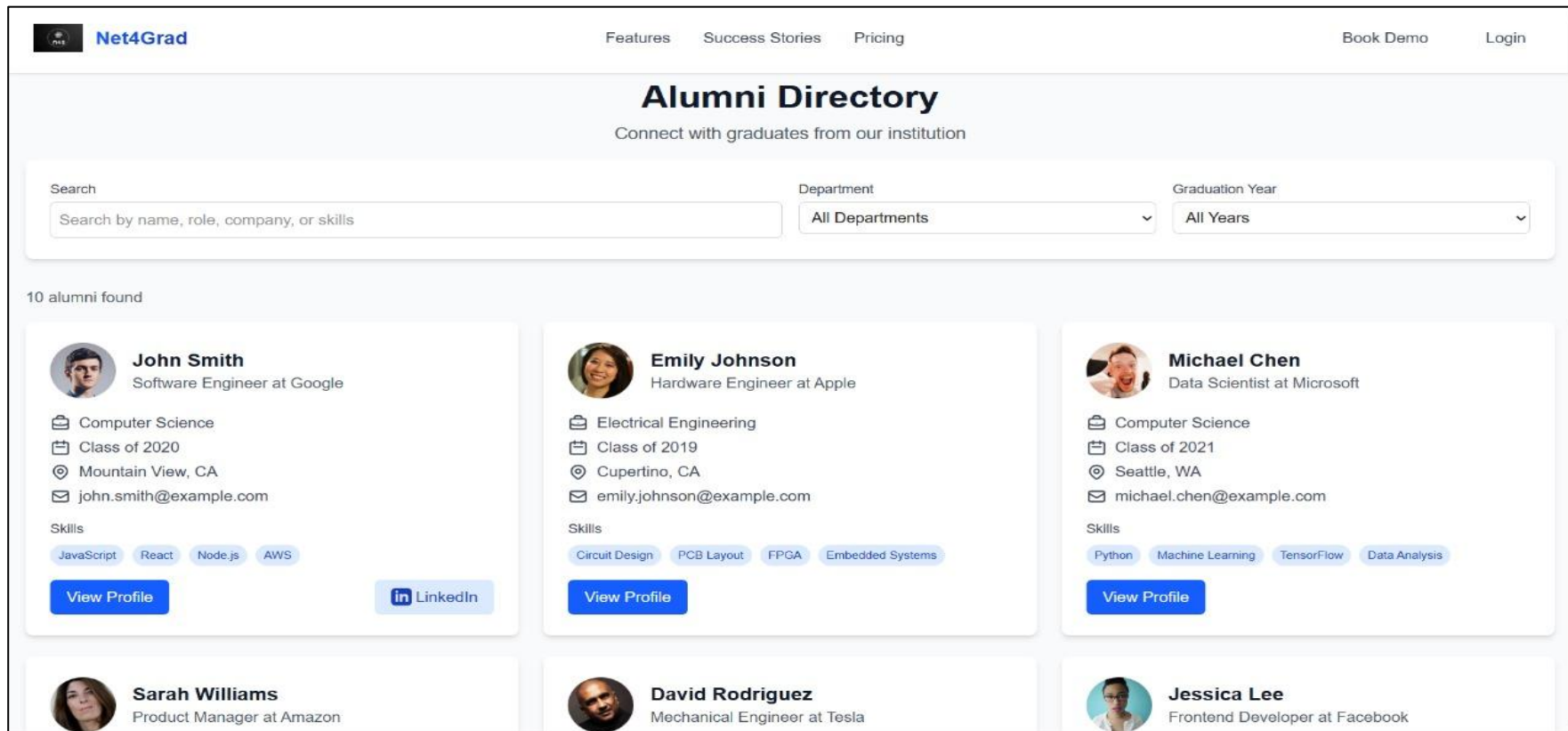
Sign in

[← Back to selection](#)


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Neha Jakate
Computer
Online

Profile

Events

Achievements

Networking


Donations

Directory

Logout

College Achievements

Showcase your accomplishments and milestones




First Place in National Coding Competition

Competition

Won first place in the annual national coding competition, demonstrating exceptional problem-solving skills and algorithmic thinking.

Date: 2024-01-15




Research Paper Publication

Academic

Published a research paper on Machine Learning applications in Healthcare in the International Journal of Computer Science.

Date: 2024-02-20




Startup Innovation Award


Innovation

Received the Young Innovator Award for developing a sustainable technology solution at the State Startup Summit.


Date: 2024-03-05



Community Service Recognition

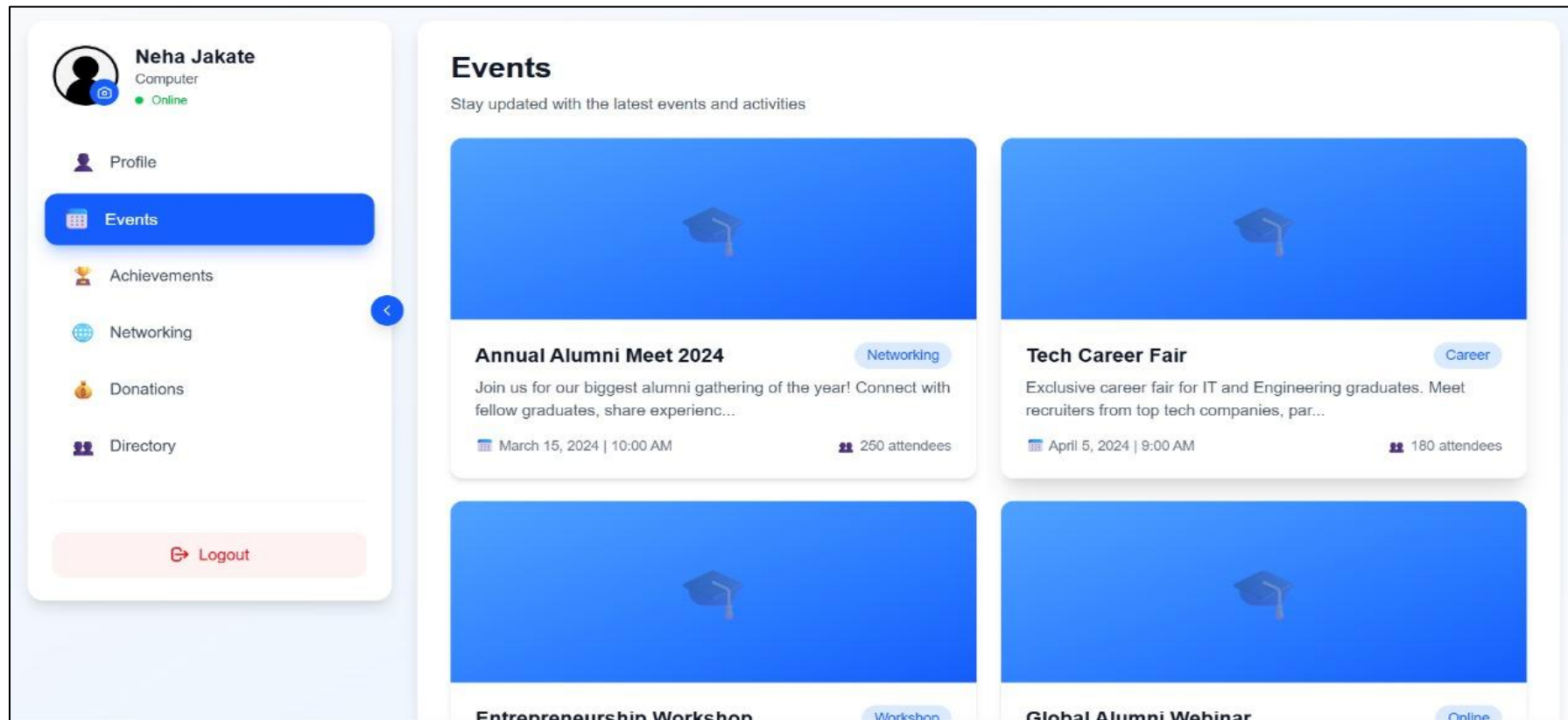


Environmental Sustainability Champion

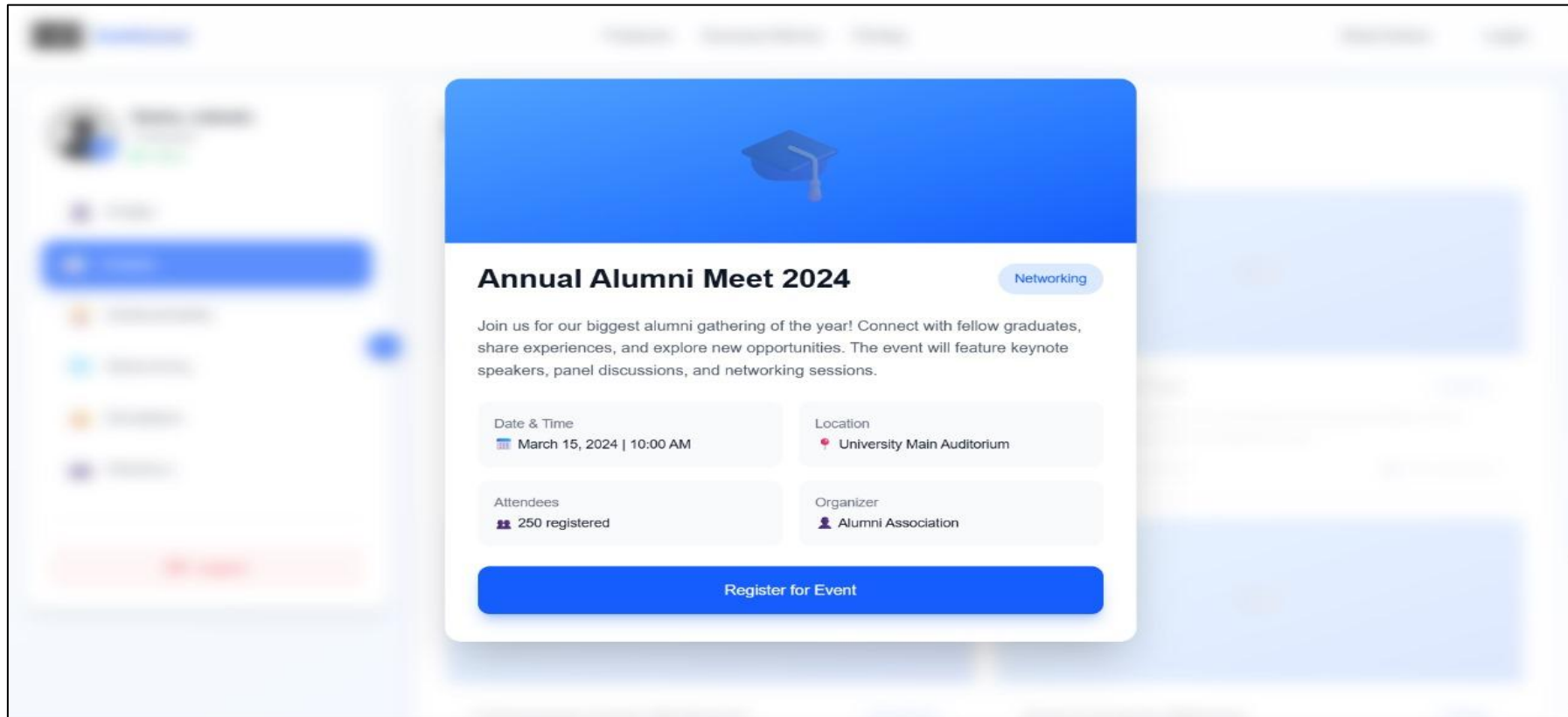


Mental Health Awareness Advocate

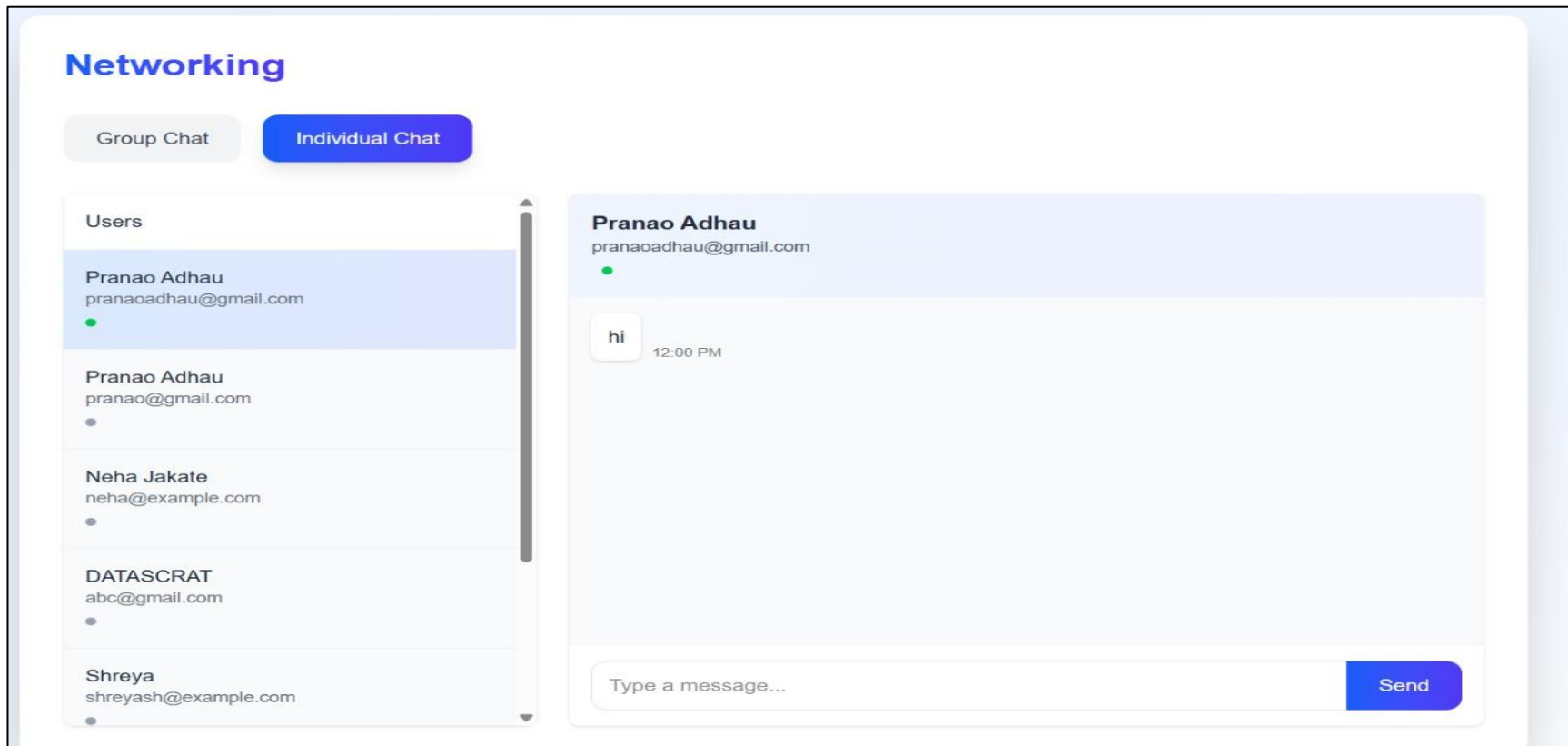
IMPLEMENTATION




IMPLEMENTATION



IMPLEMENTATION



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**Neha Jakate**
Computer
Online

Profile

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Logout

Make a Donation

Full Name

Enter your full name

Email

Enter your email

Phone Number

Enter your phone number

Amount (₹)

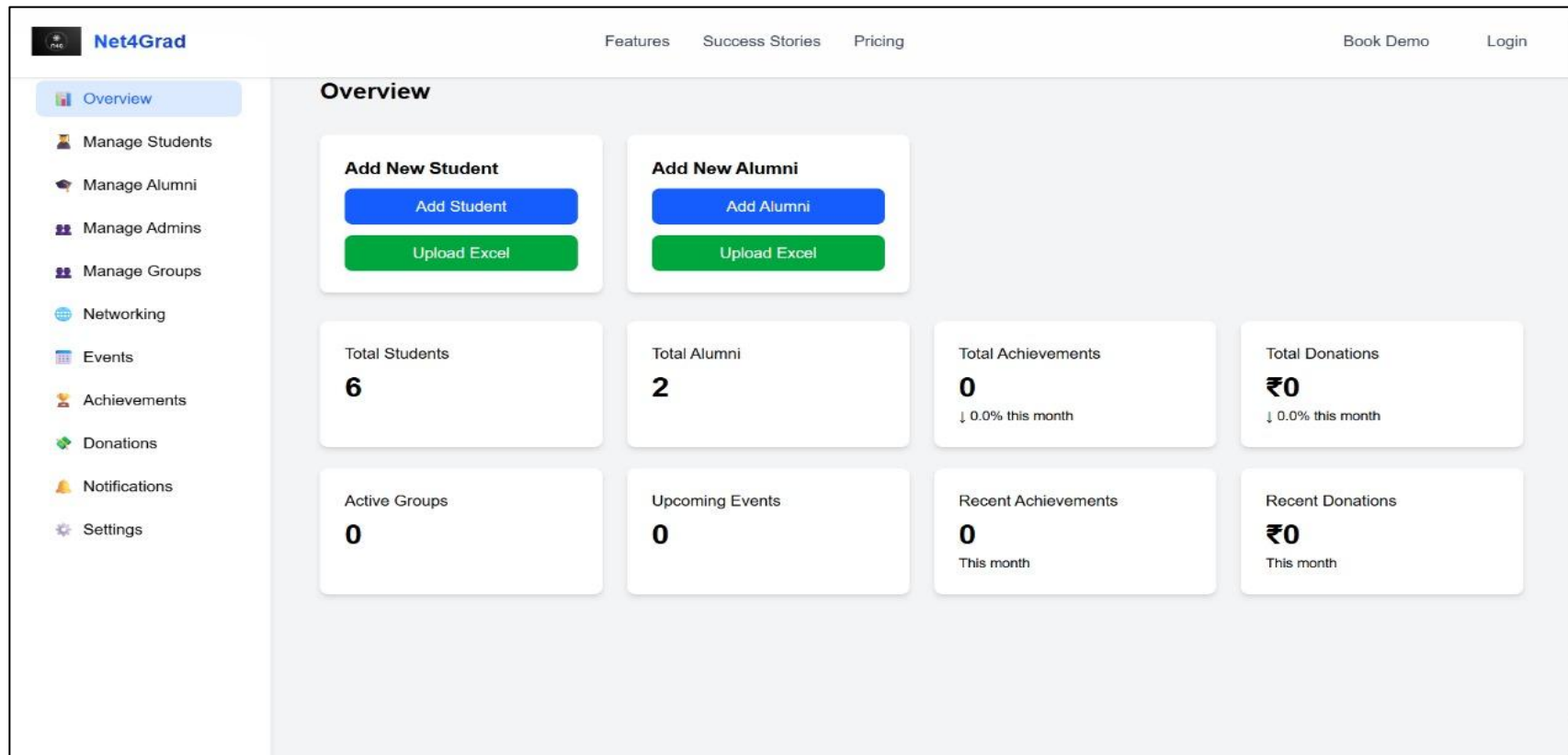
Enter donation amount

Message (Optional)

Enter your message

Make Donation

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Overview

Manage Students

Manage Alumni

Manage Admins

Manage Groups

Networking

Events

Achievements

Donations

Notifications

Settings

Manage Students

Add Student

Upload Excel

Search students...

NAME	ROLL NUMBER	EMAIL	DEPARTMENT	STATUS	ACTIONS
Pranao Adhau	Student	pranaoadhau@gmail.com	Computer	online	Edit Delete
Pranao Adhau	Student	pranao@gmail.com	cs	offline	Edit Delete
Neha Jakate	ROLL023	neha@example.com	Computer	offline	Edit Delete
DATASCRAT	Student	abc@gmail.com	Computer	offline	Edit Delete

IMPLEMENTATION

Super Admin Dashboard

All Status ▼

COLLEGE NAME	COLLEGE ID	EMAIL	STATUS	ACTIONS
Coep	abc	shreyash@example.com	Approved	View Details
abcd	abcd	shreyas@example.com	Approved	View Details
abcde	abcde	shreyash@example.com	Approved	View Details
JSPM	JSPM	jspm@example.com	Pending	View Details Approve Reject

CONCLUSION

The Net4Grad System serves as a powerful bridge between graduates and their alma mater, fostering a vibrant and supportive alumni community. By integrating modern technologies such as AI, FastAPI, and cloud services, the platform ensures seamless communication, networking, and professional collaboration. It not only simplifies alumni engagement but also enhances institutional growth through mentorship, event participation, and knowledge sharing. As educational institutions evolve, this system will continue to play a vital role in strengthening lifelong relationships and building a connected, empowered alumni network.