Stude
Bridging Students, Alumni, a
One Platform

Studex Portal

Your Gateway to College Networking and Career Success.

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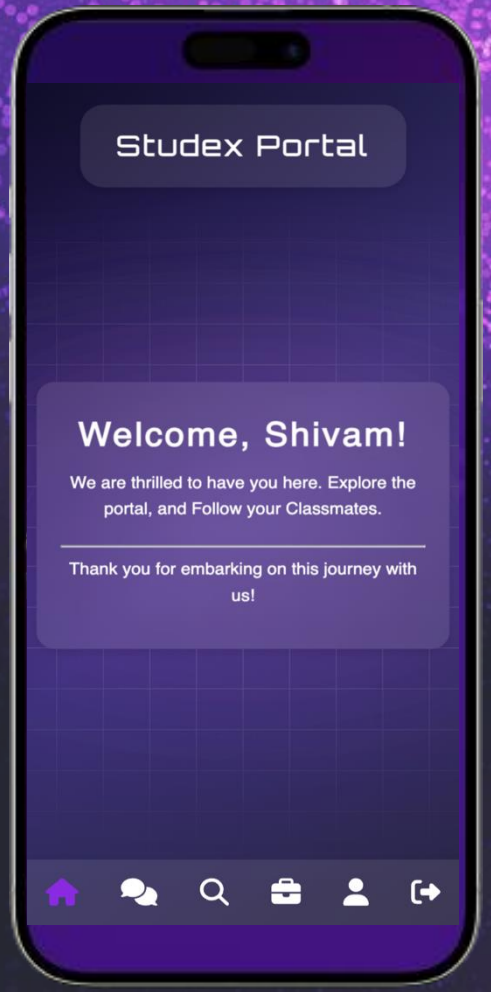

Problem Statement:

Students face challenges finding relevant career resources, alumni connections, and networking opportunities in a single, student-focused environment.

Project Objectives

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01. **Enhance Academic Networking:**

Facilitate meaningful connections between students, alumni, faculty, and industry professionals within a college ecosystem to encourage collaboration, mentorship, and career growth.

02. **Provide Career Opportunities:**

Offer a centralized platform where students can access job and internship listings tailored to their field of study, as well as career resources like HR and technical interview questions to prepare them for the job market.

03. **Streamline Profile Presentation for Recruiters:**

Allow students to create comprehensive profiles that link their academic achievements, coding projects, and professional network accounts (GitHub, LinkedIn, etc.), making it easier for recruiters to evaluate their skills and qualifications in one place.

04. **Promote Technical Skill Development:**

Integrate coding platforms like GitHub, LeetCode, and Codeforces into student profiles to help showcase their coding skills and projects, fostering an environment that encourages continuous skill development and learning.

Features

Key Features:

Real-Time Messaging and Chat

• A built-in **real-time chat** feature enables students, alumni, and faculty to communicate instantly, facilitating discussions, collaboration, and mentorship.

Powerful Search Functionality

• **Studex** offers a robust search feature allowing users to find students, alumni, faculty, or even employees from **MNCs** based on their college or industry.

Career Opportunities and Resources

• Users can explore job and internship listings curated specifically for students and fresh graduates, along with access to **frequently asked HR and technical interview questions**.

Job and Internship Listings

• **Studex** provides users with job and internship opportunities that are tailored to their field of study and career goals, making it easier for students to find entry-level positions.

Tailored Career Resources

Studex includes built-in resources such as frequently asked HR and technical interview questions, curated specifically for students preparing for internships and jobs.

Exclusive College Community

While other platforms serve a general audience, Studex creates a close-knit, college-specific network where interactions are more relevant to academic and career growth.

Personalized Search for College Connections

This search functionality is hyper-focused on the college environment, giving users an edge in connecting with people

Recruiter-Friendly Profiles

Studex profiles are built to offer recruiters a consolidated view of a student's achievements, linked accounts (like GitHub or LinkedIn), and academic history, making it easier to evaluate candidates in a holistic manner.

How Studex Portal stands out and is better than other platforms:

Integrated Career Resources

Platforms like LinkedIn require users to navigate through groups or external sites for such resources, while Studex has built-in features that make it easy to find career-related information directly within the platform.

College-Centric Focus

While platforms like LinkedIn cover professionals from all walks of life, Studex concentrates on bridging the gap between students, alumni, and faculty, fostering relationships rooted in shared academic experiences.

Seamless Profile Integration with Coding Platforms

While LinkedIn focuses mainly on professional resumes, Studex integrates coding profiles, which is essential for developers and engineers looking to highlight their technical expertise.

Hardware Requirements:

- **Development:** Any modern system with minimum 8 G B RAM, 500 GB storage, and a good processor (i5/i7).
- **Hosting:** Cloud-based servers with scalable options for traffic handling.

Software Requirements:

- **Backend Framework: Golang**
- **Frontend Framework:** Next.js (Material UI)
- **Database Management System:** PostgreSQL
- **Mapping Service/API:** Google Maps API
- **Deployment and Hosting:** Vercel (Frontend), AWS EC2/S3 (Backend)
- **Data Analytics:** Pandas
- **Notifications and Alerts:** Django's built-in email functionality
- **Authentication and Authorization:** Django REST Framework

Phases of Our Project

Phase 01

Planning and Requirements Gathering

- Define project scope, objectives and stakeholders.
- Gather requirements through meetings, interviews, and surveys.
- Prioritize requirements and create a detailed project plan.

Phase 02

Development and Testing

- Develop the system components using Django for the backend and Next.js for the frontend.
- Integration of Microservice
- Architecture.

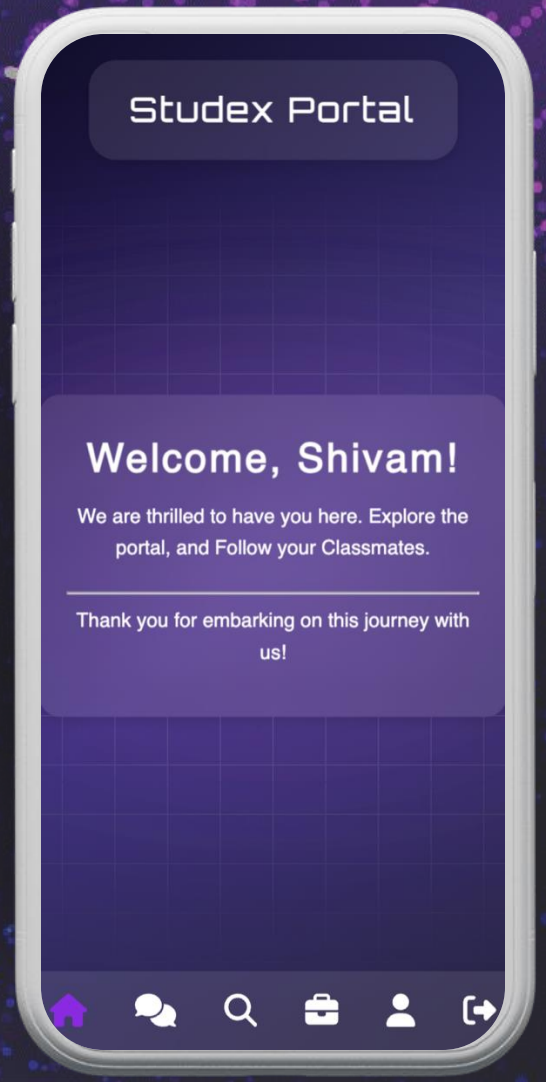
Phase 03

Deployment and Maintenance

- Deploy the system on Vercel for the frontend and AWS EC2/S3 for the backend.
- Provide ongoing maintenance and support, including bug fixes and updates.

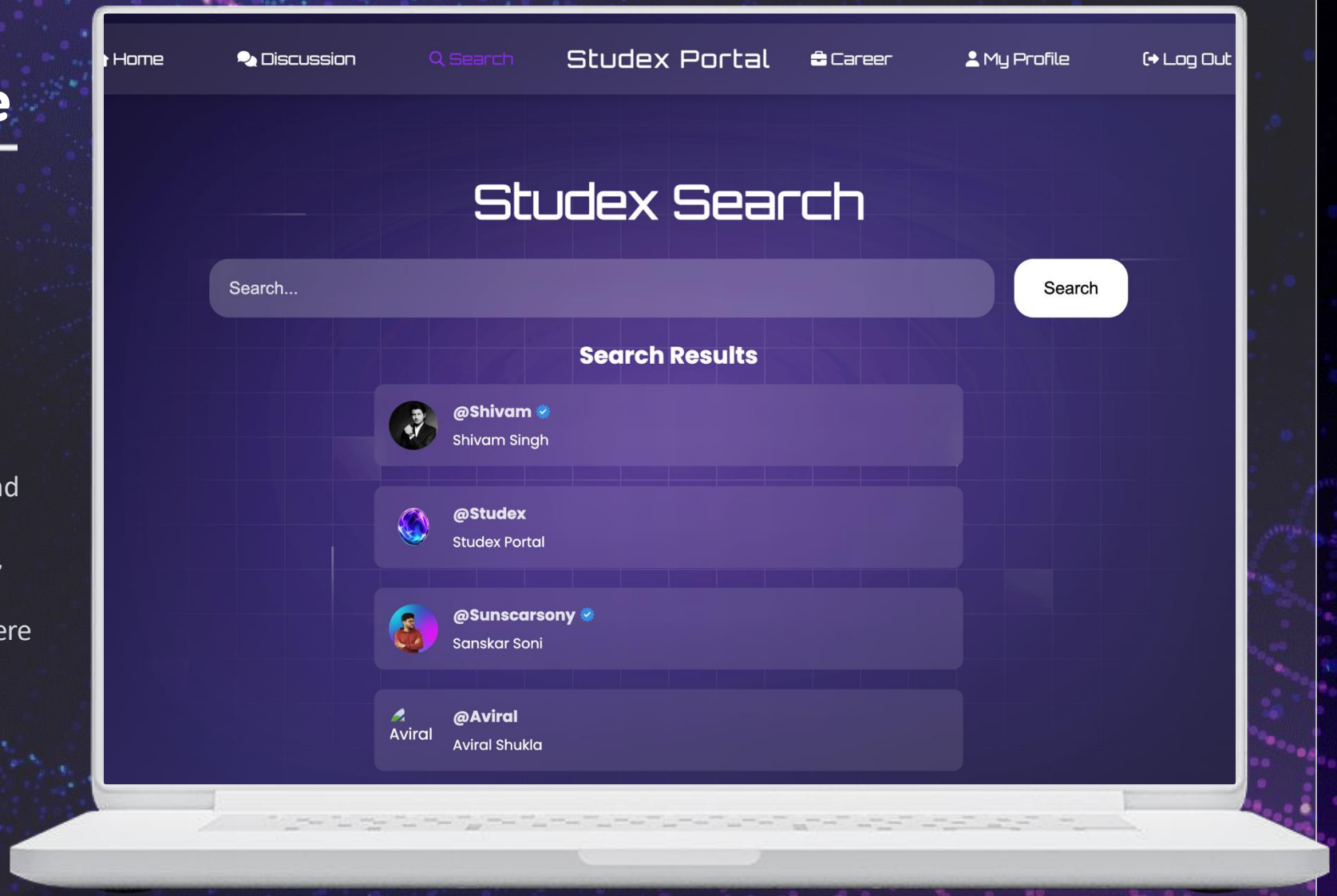
Mobile Interface

•The mobile interface features a clean, user-friendly layout with a dashboard showing the user's feed, recommended connections (alumni, faculty, developers), and a section for career opportunities.
•A sidebar displays navigation options like profile, messages, notifications, an d career resources.
•Users have a comprehensive profile page where they can link their
•professional accounts like LinkedIn, GitHub, Codeforces, and LeetCode.
•This page is recruiter-friendly, presenting all information in a single view.
•The layout supports larger displays, enabling users to see detailed
•statistics, posts, and project showcases.
•The chat section is integrated into the dashboard, appearing as a panel
•on the right side or accessible via the menu. It allows seamless real-time me ssaging, with a larger area for conversation threads.
•Video call and voice call options are easily accessible.
•A robust search bar at the top helps users find students, alumni, faculty, and MNC employees. Filter options are available for narrowing down
•searches by profession, location, or expertise.
•A dedicated section provides curated resources like frequently asked HR and technical interview questions, and job or internship opportunities,
•easily viewable on a widescreen display for better readability and
•navigation.



Desktop Interface

The desktop interface of the Studex Portal features an intuitive and user-friendly design, providing administrators, alumni, faculty, developers, and students with easy access to essential functionalities. Administrators can efficiently manage Resources, career Portal and verifications through a centralized dashboard, while Students can communicate with alumni, and can follow through Studex search.
The interface incorporates interactive UI powere d by Material UI/Framer Motion.



Our Team:-

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Thank you