



BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade



Student Name: PRADEKSHA K

Seat No: 113

Project ID: 33

Project title: BIT-LinkedIn portal

TECHNICAL COMPONENTS:

COMPONENT	TECH STACK
Front End	React(JS Library for building user interfaces)
Back End	Node.js with Express.js
Database	MongoDB(NOSQL Database)
API	OpenAPI

PROBLEM STATEMENT:

The existing social networking platforms lack specialized features tailored to the unique needs and goals of college students, such as connecting with alumni, finding internships, and discovering mentorship opportunities within their academic communities.

- 1. Lack of Specialized Networking Platform:** Existing social networking platforms like LinkedIn cater primarily to professionals in the workforce, neglecting the distinct needs and preferences of college students.
- 2. Limited Access to Career Resources:** Many college students struggle to access relevant career resources and job opportunities, resulting in missed chances for internships, part-time jobs, and post-graduation employment.
- 3. Inefficient Networking Channels:** Traditional networking methods such as career fairs and alumni events often fail to provide students with meaningful connections and opportunities for professional growth due to their limited frequency and reach.
- 4. Difficulty in Showcasing Skills and Achievements:** Students find it challenging to showcase their skills, academic achievements, and extracurricular activities effectively, hindering their ability to stand out to potential employers and mentors.

PROJECT-FLOW:

PURPOSE:

The purpose is to cultivate a supportive and inclusive online community where students can network, learn, and grow professionally within the college ecosystem. The platform serves as a centralized hub for showcasing on-campus placement drives and results, providing tools to design professional resumes seamlessly, extracurricular activities, and projects, enabling students to effectively market themselves to potential employers and mentors such as alumni.

SCOPE:

This system involves creating user-friendly features for profile creation, networking, job search, and skill development. Additionally, the scope extends to incorporating a dedicated section for BIT's on-campus placement drives and results, integrating plugins for professional resume design and specialized functionalities such as internship opportunities, career resources, and alumni connections to facilitate professional growth.

BUSINESS CONTEXT:

Students can access a customized LinkedIn portal with messaging features to connect with peers and a dedicated job search platform to find opportunities matching their interests. The portal also provides a link to information on BIT's on-campus placement drives and results, as well as a resume design tool with plugins for professional resume creation. This integrated platform leverages LinkedIn's ecosystem to empower BIT students with comprehensive career development resources.

CONSIDERATION:

- Ensure secure login using BIT SATHY email IDs and implement robust security measures like data encryption and access controls.
- Provide core functionalities like peer messaging, interest-based job search, on-campus placement info, and a user-friendly resume builder with pre-designed templates.

DEPENDENCIES:

- Collaboration with BIT SATHY IT department for authentication integration and secure database infrastructure.
- Integration with external job boards, collaboration with the placement cell, third-party resume builder plugins (optional), and a focus on intuitive UI/UX design.

USER PERSONAS:

STUDENT: Requires seamless access to internship/job opportunities and career resources.

ALUMNI: Seeks a platform to engage with current students for mentorship and networking opportunities.

ADMIN: Manages system operations, ensuring smooth functioning of the platform and responsible for updating information about placement drives.

USER STORIES:

- As a Student, I want to manage profiles (skills/interests), connect & message peers, find relevant jobs/internships, access placement info, build professional resumes.
- As an Admin, I need to manage & share on-campus placement information and publish placement results.

FUNCTIONAL REQUIREMENTS:

- **User Management:** Secure login using BIT SATHY email IDs, profile creation/update with basic information, skills, interests, education etc.,.
- **Peer-to-Peer Messaging:** Real-time messaging functionality for students to connect and communicate.
- **Interest-Based Job Search:** Students can search for jobs/internships based on keywords, skills, and interests.
- **On-campus Placement Information:** Dedicated section with clear information about upcoming placement drives, eligibility criteria, and results (collaboration with placement cell).
- **Resume Builder:** User-friendly resume builder with pre-designed templates and options to customize content based on user input.

FLOWCHART:



