

Prok - Professional Networking

Git Repo: <https://github.com/Madhantn70/Prok-Professional-Networking.git>

Module 1: Login & Signup UI

Signup Page:

- Designed a clean UI for sign-up with input fields for username, email, password, and confirm password.
- Includes validation messages and link to login page.

Login Page:

- Designed login page where users can enter their credentials.
- Added demo credentials, "Fill Demo Credentials" and "Clear Token" options for better UX.

What I learnt:

I learnt how to create responsive and user-friendly forms using basic frontend skills. I also understood how to give feedback to users when they type wrong inputs.

Module 2: Authentication & Backend Setup

- Installed MySQL and used Workbench for managing data.
- Created user table with fields like name, email, password, skills, location, phone, etc.
- Created backend login/signup APIs.
- Connected frontend forms to backend and verified with Postman.
- Checked user details and stored them securely using password hashing.

What I learnt:

I learnt how to create APIs, test them using Postman, and connect frontend and backend. I understood how login/signup flow works with database.

Module 3: Profile View & Edit UI

- Created a professional-looking profile page that shows user photo, job title, location, and contact info.
- Sections like About, Skills, Recent Activity, and Languages were added.
- "Edit Profile" button allows users to update their profile.

What I learnt:

I learnt how to design a modern UI that looks good and shows all important details. I also understood how to handle user inputs in edit mode.

Module 4: Profile Backend Integration

- Connected frontend profile edit with backend.
- Created API to update user details.
- Uploaded profile image (JPG, PNG - max 5MB) and saved in a server folder.
- Checked and saved updated data securely.

What I learnt:

I understood how profile information is updated and stored. I also learnt image uploading with restrictions and how to show status messages like success/failure.

Module 5: Post Creation

- Created a post form with title, content (rich text editor), and media upload option.
- Allowed both images and videos up to 10MB.
- User can preview post before uploading.
- Created API to save post data (text + media link).

What I learnt:

I learnt how to allow users to create content and attach media. I also learnt to use rich text editors

and validate files before uploading.

Module 6: Post Listing

- Designed a post listing page in card layout.
- Posts load as user scrolls.
- Added filters like category, tags, date sort, etc.
- Each post shows image, title, user info, likes, comments.
- Backend API supports filtering and pagination.

What I learnt:

I learnt how to display dynamic content from database on frontend. I also understood how filters and infinite scroll improve user experience.