

## Progress Report I

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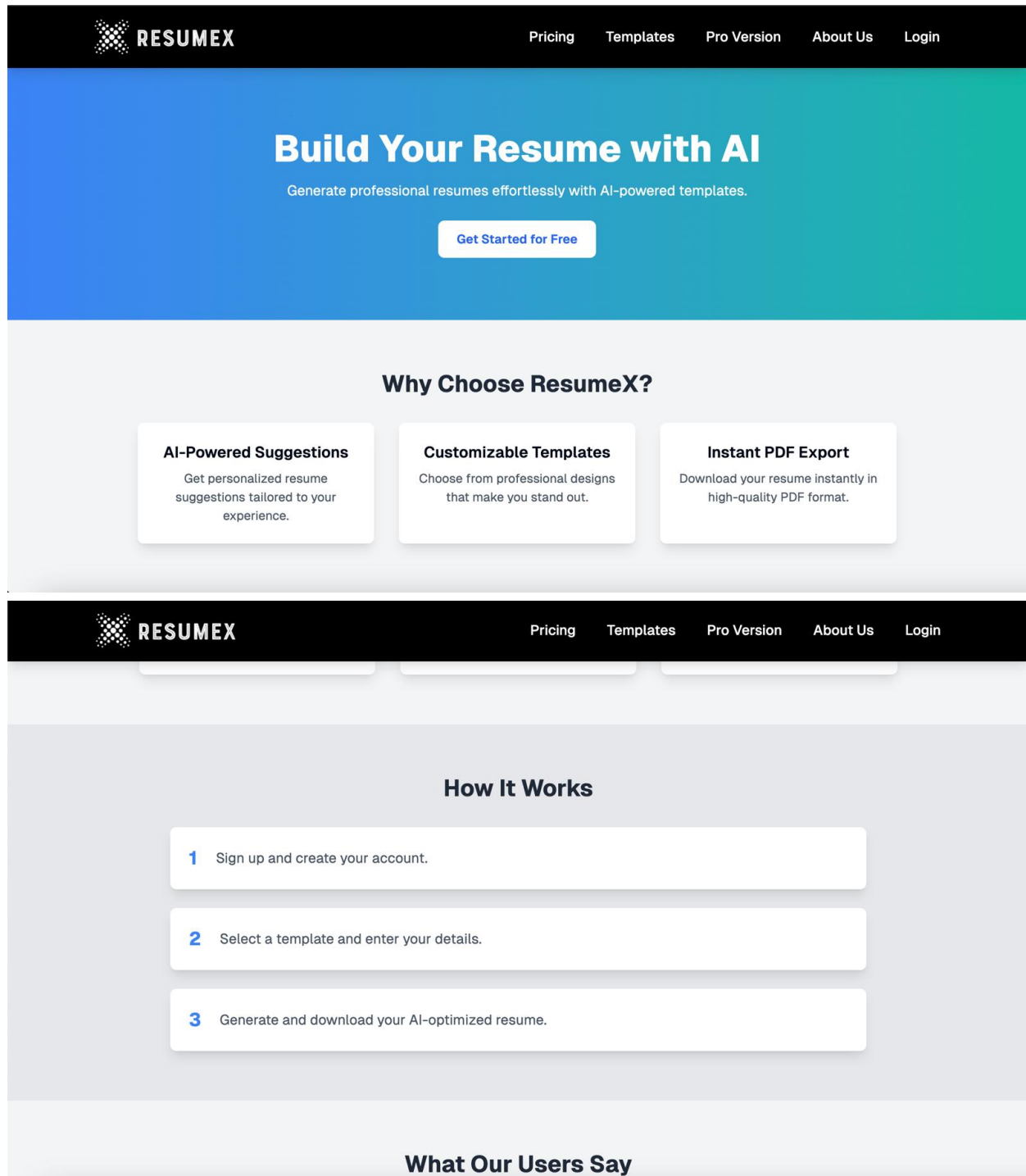
## Project Overview:

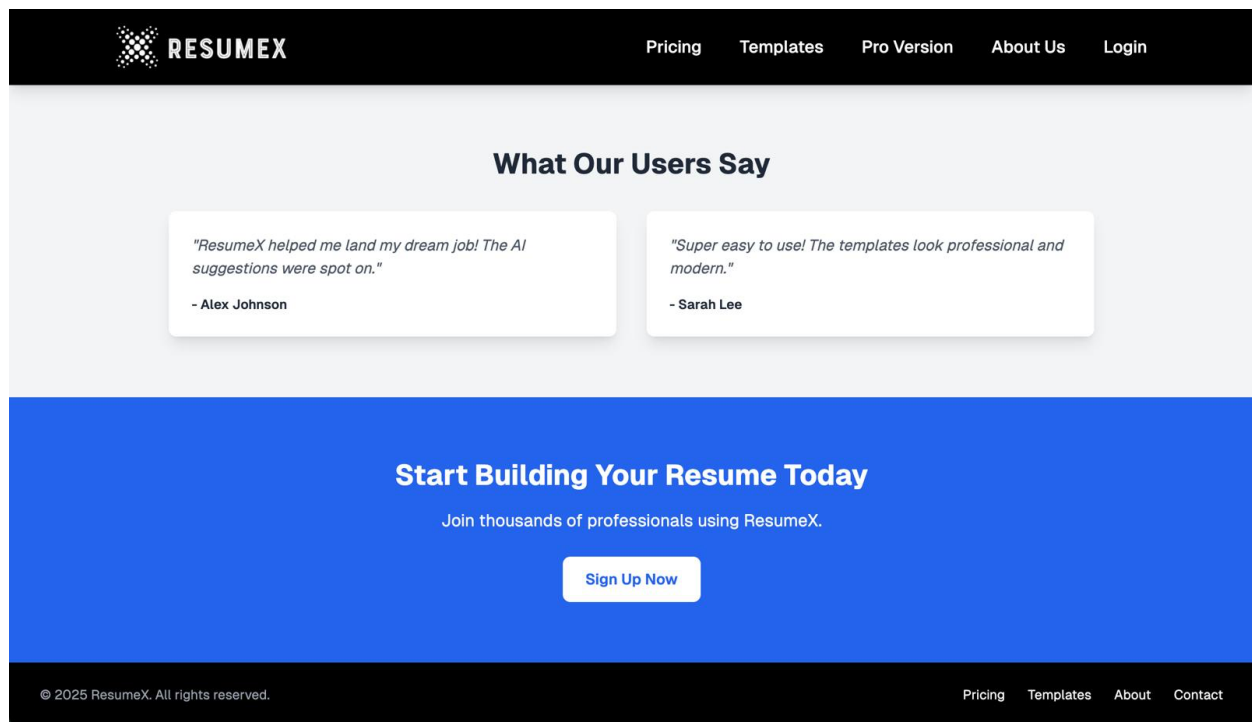
The AI Resume Builder initiative aims to equip users with an easy to use, AI-enhanced tool that assists users in crafting resumes in an optimal manner. The project is well underway, with a notable completion on the work on the frontend which is almost complete. The next stage will shift its focus towards backend work, mainly database integration and API development.

## Current Progress:

### 1) Home Page:

A **homepage** with user-friendly interface that allows users to start building their resumes seamlessly

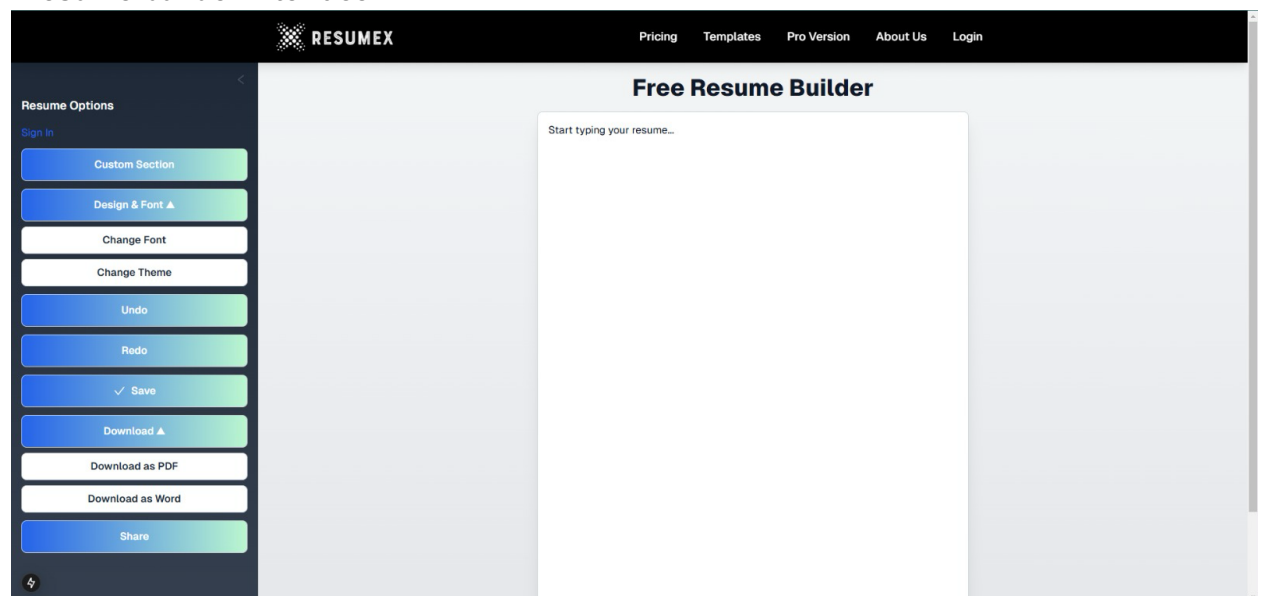




The website features a navigation bar at the top, allowing users to seamlessly navigate between various sections. It includes two key action buttons:

- "Get Started for Free" – Redirects users to the free template customization page, where they can begin editing their resumes.
- "Sign Up" – Takes users to the sign-up page, enabling them to create an account and save their progress.

## 2) Resume builder interface



The Resume Builder Interface is meant for an effortless creation and modification of resumes. The interface is simplistic and straightforward, enabling smooth information input.

Users will be able to further customize their resumes using the left panel which has options such as:

- Custom Section: Includes the capability to create new customized optional resume segments.
- Design & Font: The capability to change the font and style of the resume.
- Undo/Redo: A change made by the user can be cancelled and reinstated as per requirement.
- Save: Users are able to allocate their efforts for later fine-tuning.
- Download: The resume can be downloaded in a variety of formats such as PDF.
- Share: Usable for direct sending of the self made resumes.

### 3) Login and SignUp page

**RESUMEX**

Pricing Templates Pro Version About Us Login

**RESUMEX**

**Welcome back**  
Login with Google or LinkedIn

Login with Google

Login with LinkedIn

Or continue with

Email  
abc@example.com

Password [Forgot your password?](#)

Login

Don't have an account? [Sign up](#)

#### Login Page

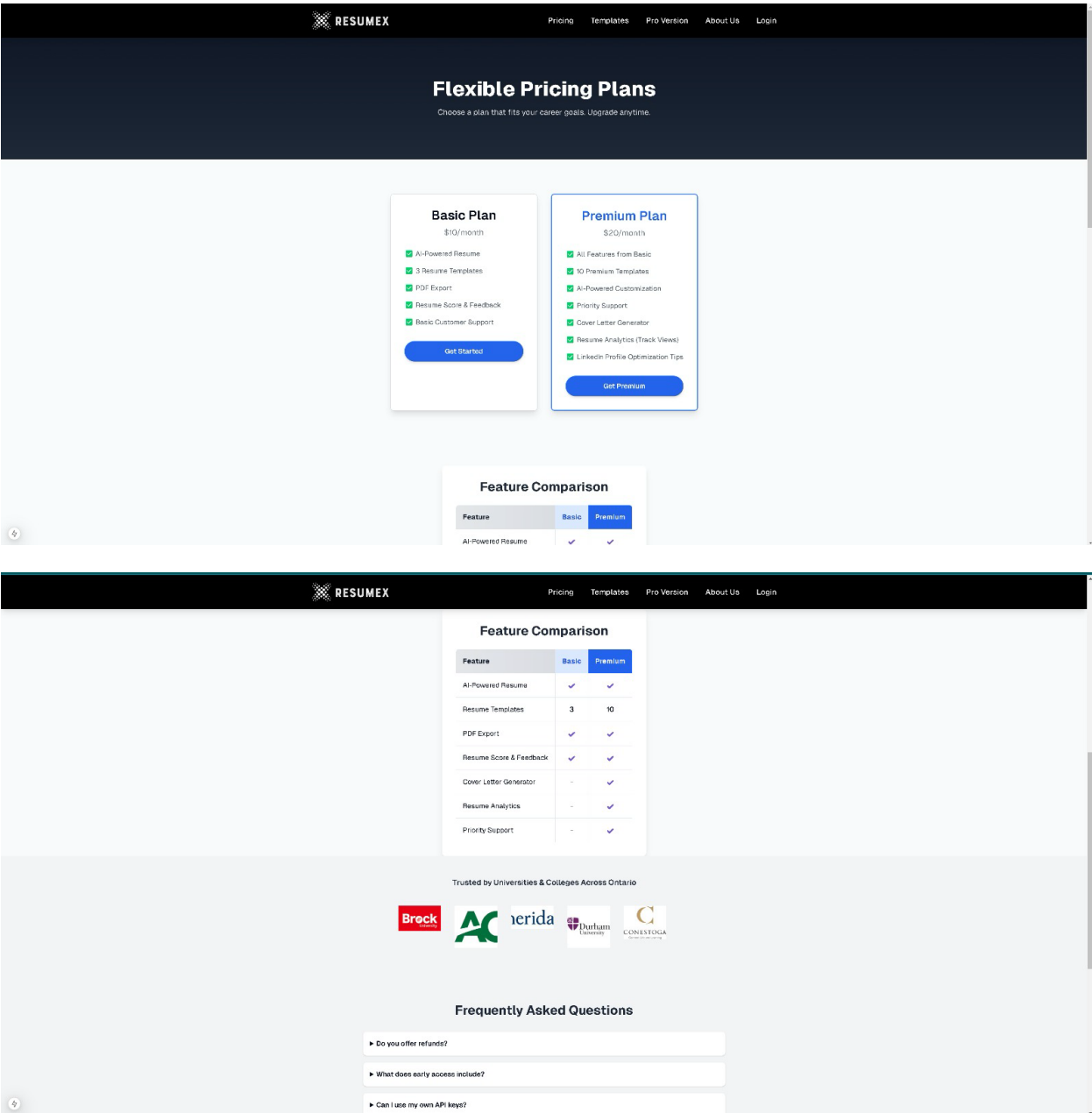
- It offers different alternatives for signing in.

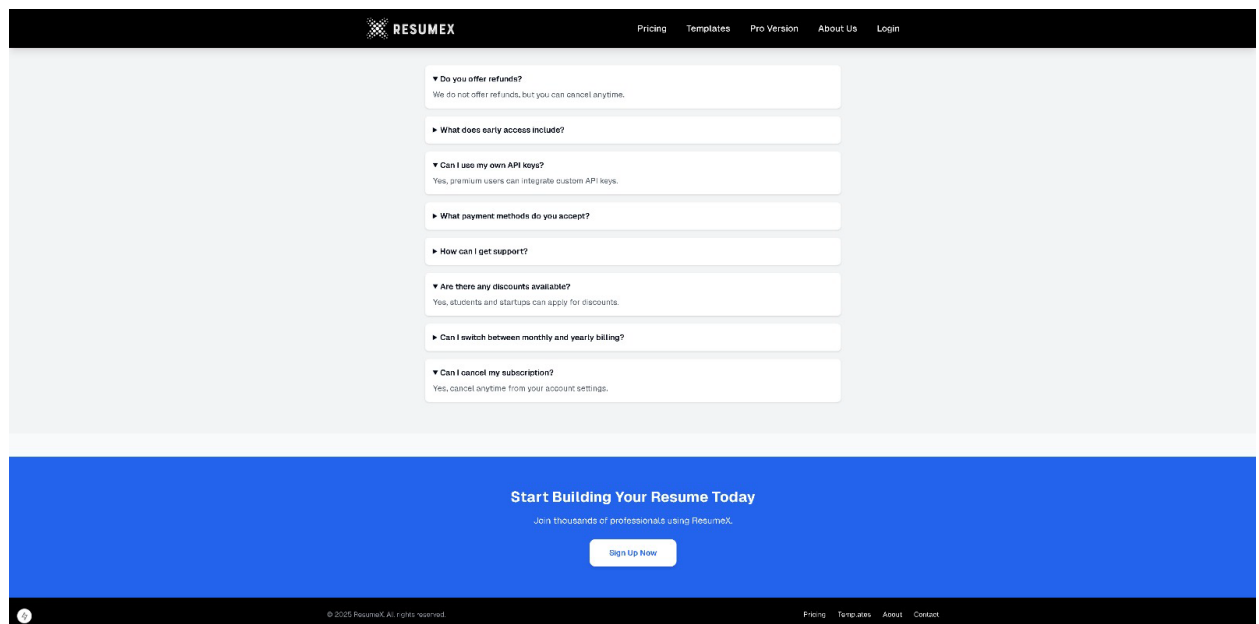
- Google and LinkedIn Sign In: It is hassle-free for users to log in via their Google or LinkedIn accounts without the need for any credentials.
- Email and Password Sign In: The platform provides an option for users to sign in using their registered email and password.
- Password Retrieval: Users can also regain access to their account by resetting their passwords via the “Forgot your password?” option.
- Switching to Signup: Users that do not have an account can access the signup page from the link provided without any hassle.

## Signup Page

- With the page new users can register for an account which in turn saves their progress in resume building.
- Google and LinkedIn Signup: For new users such registration is available through existing Google or LinkedIn accounts.
- Email and Password Signup: A standard way where users will provide their email and choose a password.

4) Pricing Page





The Pricing Page is intended to communicate to users the different subscription options available to them as regards building their resumes. There are two plans available on the page, each with a list of features alongside their prices.

## Subscription Plans

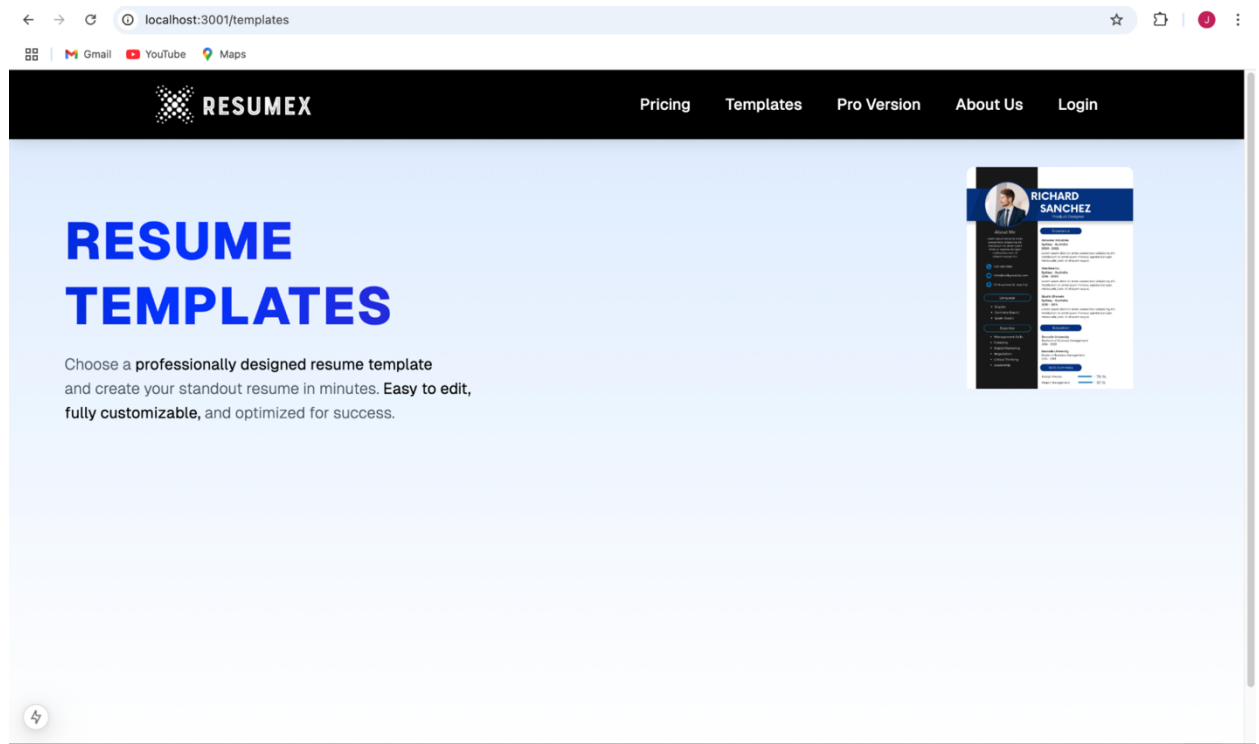
### Basic Plan - \$10/month

- Access to the AI software that draws resumes is included.
- Users are offered a choice from three templates designed by professionals, although the range is limited.
- Export as PDF, so clients can download their resumes immediately.
- Great for people who need a basic, low-cost solution to building a resume.

### Premium Plan - \$20/month

- All the essential features in the Basic Plan along with further benefits.
- Users can choose from ten customizable, professional templates to build their resumes.
- Modification AI customization. The system can recommend ways to enhance the resume.
- Enhanced attention is received from support because premium users expect faster responses and assistance.
- Most appropriate for users who are professionals needing increased customization and a higher quality of resume templates.

## 5) Templates page



The Template Page is in progress and it will be a place where users can explore a range of professionally designed resume templates. This page is crafted to be user-centric, enabling effortless navigation to ensure a user's selected template meets their professional needs.

- Definitions outlining the advantages of AI-powered resumes presentation such as simple, versatile, and realistic fully tailored templates.
- The Animation Preview (left corner): A place where an animation of other templates is used showcasing the template's design elements that keeps users engaged.

What Comes Next:

- Implementing actual resume templates for users to select or preview before selecting.
- Choice of altering font, layout, and content structure of the templates to make resumes personal.
- A recommendation feature that offers a preset template with context relevance to the user's role.

The About Us page will be developed at the final stage of the project and will provide an overview of the platform, its purpose, the team behind it, and its mission. It will include basic details about the project. The Pro Version page will be implemented once backend development begins, highlighting premium features such as exclusive resume templates, AI-powered resume optimization, priority customer support, and advanced customization options. Both pages will be added later to ensure they align with the overall functionality of the platform.

### Implementation of the Software Engineering Process

Our project follows an Agile Software Development approach, incorporating iterative development and sprints to ensure continuous progress and adaptability. The SE process we



follow aligns with industry best practices, allowing us to refine our features and address challenges efficiently.

## **Iteratives and Sprints**

For this Project's development, we followed an iterative and sprint based format to help us streamline progress. Every sprint was centered around specific tasks which were defined and therefore progress was achievable.

### **Sprint 1: Project Initiation and Planning**

- Set project scope and objectives.
- Allocated work among the team.
- Created a GitHub repository, set up branching strategies.
- Conducted research and settled on a T3 Stack with Next.js, TypeScript, TailwindCSS, and Prisma.
- Made our first wireframe of the platform.

### **Sprint 2: Frontend Development and Design Implementation**

- Implemented navigation and call to action buttons on the homepage.
- Developed the resume builder user interface with customization, undo/redo functionality, and file export features.
- Created login and signup pages with Google and LinkedIn authentication.
- Developed the pricing page with subscription models.
- Developed a template selection page for users where they can choose templates for the resume.
- This feedback concerning UI/UX was addressed through design iterations.

## **Challenges Faced During Development**

There were several technical and teamwork problems in the scope of the project, all of which were settled with discussions, iterations, and shifts in the development focus.

### **1. Work Distribution & Coordination**

Allocating responsibilities and making sure that tangible work is being done by all members was difficult at the start and so was ensuring that work productivity is sufficient for timely completion of the project.

Solution: We divided work page-wise and held regular meetings to update progress, discuss blockers, and provide assistance where needed.

### **2. Learning Curve for T3 Stack & Technologies**

Some new tools and frameworks presented hurdles for members of the team due to the steep learning curve associated with the T3 stack (Next.js, TypeScript, TailwindCSS, Prisma).

### **3. GitHub Collaboration & Merge Conflicts**

Most teammates started to work on different features in parallel and this resulted in many people wanting to merge branches leading to a series of merge conflicts and troubles websites updating their version in GitHub.

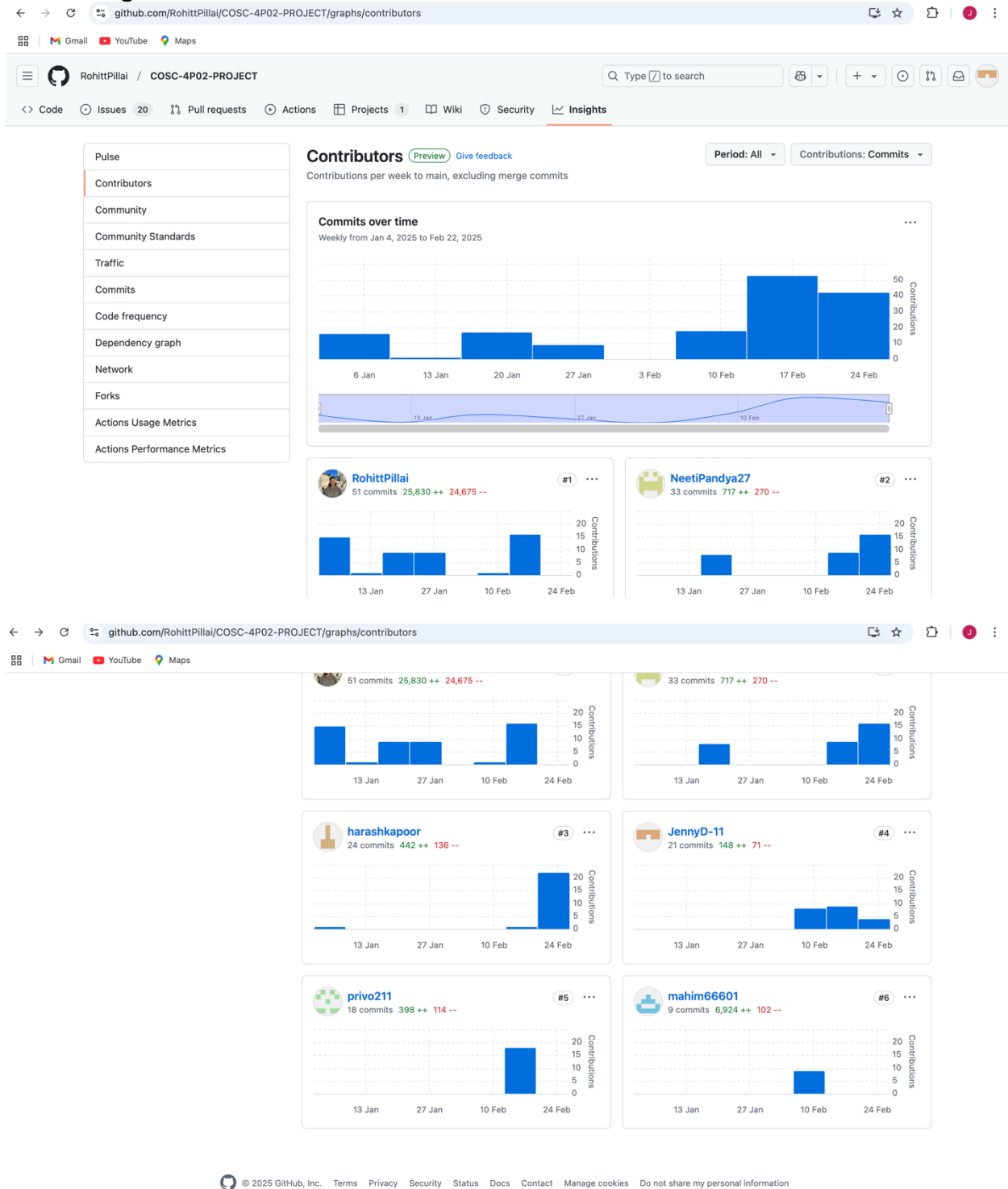
Solution: We had an agreement on the feature-branch workflow and that some blockers need to be removed prior to merging. All major updates must be set under review before opening, and commit messages need to be descriptive and so do pull request approvals.

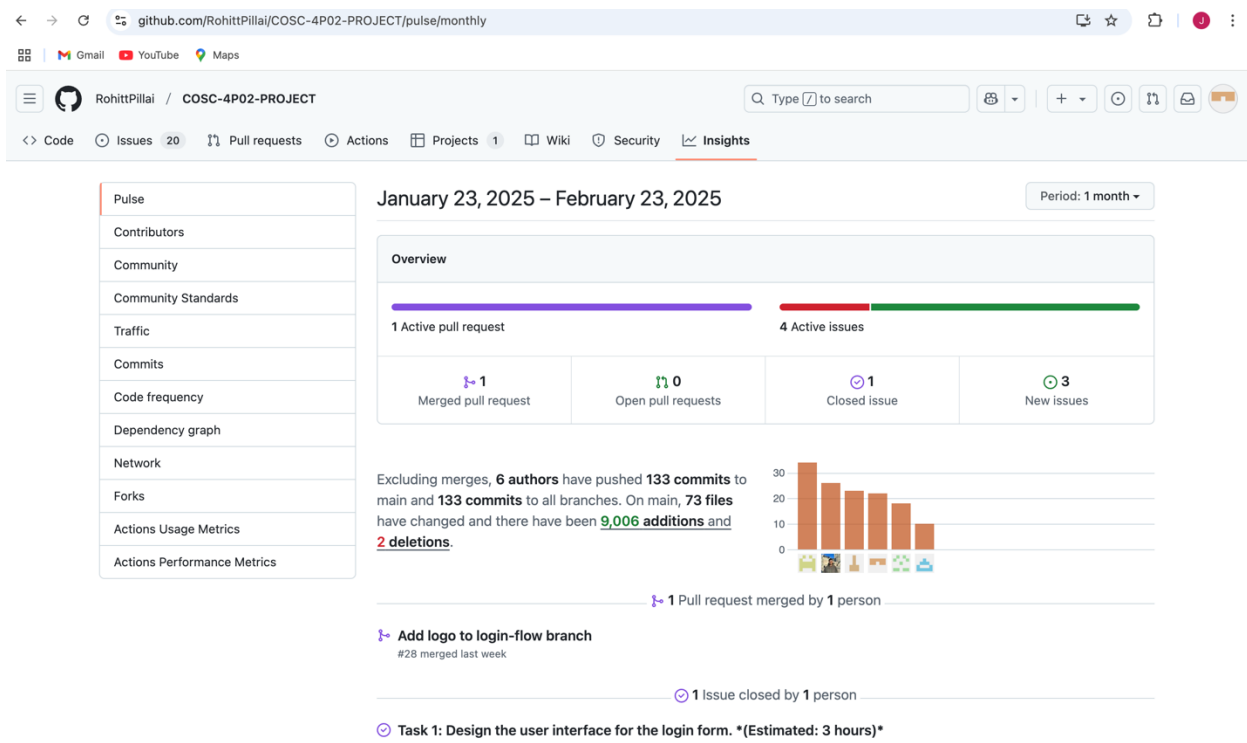
#### 4. UI/UX Consistency

Designing a cohesive user interface while ensuring responsiveness across different screen sizes was initially challenging.

Solution: We established structured design guidelines, implemented TailwindCSS for styling, and regularly audited UI components to ensure consistency.

#### GitHub Logs:





**Link of Commits:** <https://github.com/RohittPillai/COSC-4P02-PROJECT/compare/9a2802d4feeb3877417f510ab59eddfa7a7abe33...main>

### Contribution Summary:

Every collaborator played a major role in different portions of the platform and were able to work together effectively ensuring advancement on the project issue.

Jenny Dobariya - Developed the templates page, coordinated team meetings, and recorded minutes for all meetings to ensure communication within the team.

Neeti Pandya – Worked on the User interface of Free Resume Builder Customization Page. The page will be integrated with backend in the next phase. Neeti also created figma designs for the websites(<https://www.figma.com/design/JSKhzrFFM7XgjmmOJGeyL9/ResumeX?node-id=0-1&t=YIFt2TOyGgoLTxWe-1> )

Harsh Kapoor – Worked on User Interface of Pricing page and structured subscription plans for various users. Payment integration will be done in subsequent iteration.

Mahim & Priyanshu Vora - Created Login and Signup pages. Work is ongoing with authenticating users in the backend in next iteration.

Rohit Pillai – Was in charge of the GitHub organization. Set up the repository and created the T3 stack for the project (next.js, typescript, tailwindcss, tRPC, prisma) in addition to the home page. He also did the other pages and ensured easy navigation to other pages.