Mavvex

(Independent Project Report)

Group Members

Jasdeep Singh (2019047)
Naval Kumar Shukla (2019065)
Shanu Verma (2019104)

Technologies Used

- **ReactJS**: a declarative, efficient, and flexible JavaScript library for building reusable UI components
- **Tailwind**: design our web pages from right inside our markup or. js/. jsx/.
- **Ionicons**: used for icons in the website
- **Adobe Photoshop:** to construct Logos, favicon and animations.

Task 1: Design a logo

This is the favicon created using Abobe Photoshop. We didn't know how to make a logo in photoshop. So we learned to use this tool and tries to come up with this logo using the colour palette we used for designing our whole website.

We used the same platform for designing logo as well. We tried searching many logo images, reflecting the goals and objectives of Mavvex. The logo contains theme of AI, data privacy and conversational AI.

Task 2: Animation in Home Page

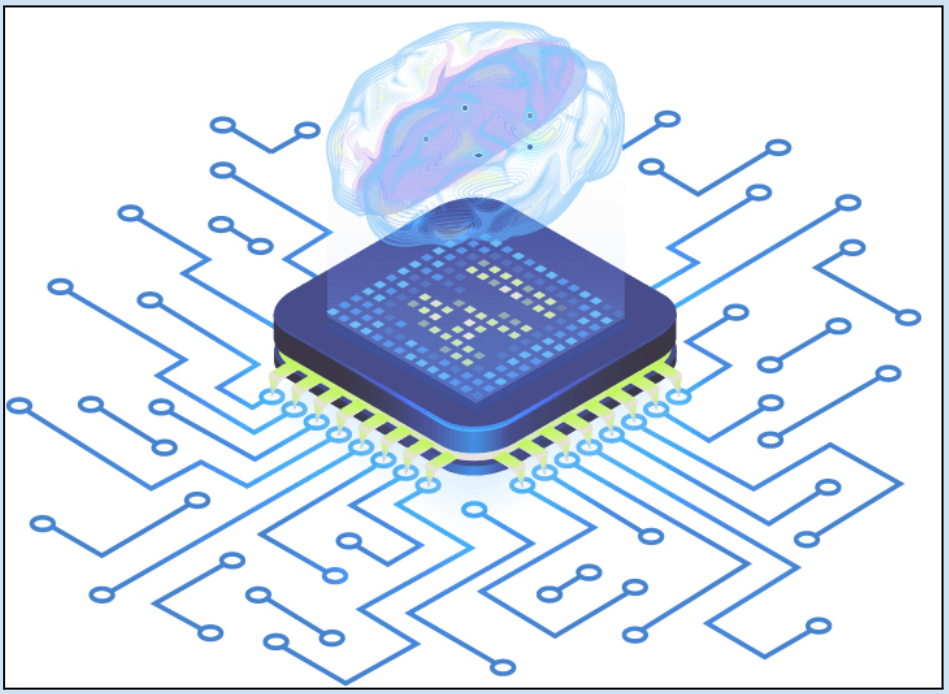
Our goal was to come up with various ideas for designing a logo that would be responsive and visually appealing. Additionally, we wanted the logo to convey themes related to AI, data privacy, and security.

Design Process

To achieve our goal, we followed a structured design process. We first conducted a brainstorming session to gather ideas and inspiration. During this session, we discussed different themes and styles that best represent our objectives.

After the brainstorming session, we created a mood board containing various images and colour schemes aligned with our goals. We used the mood board to guide our design decisions and ensure our ideas aligned with our objectives. We then created sketches and initial concepts that incorporated the themes of AI, data privacy, and security. We explored various shapes, colours, and typography options to create a visual identity that would resonate with our target audience.

Once we had refined our initial concepts, we took our design process to the next level by creating high-quality prototypes and animations to test our ideas. We then took feedback from our team members and continued to refine our designs until we had a final product that met our objectives. We added movement to our prototypes and used various technologies such as React, Javascript, HTML and CSS to ensure the animation looked stunning across all devices. To ensure that our final design was of the highest quality, we conducted rigorous testing of our prototype's performance. Once satisfied, we seamlessly integrated the final design into our website template. The attention to detail and dedication to the design process resulted in an impressive final product. Following is the image we finalized:



We added various motions to this object using the tech stack mentioned. You can check out further about it on the home page of our website here.

Task 3: Menu bar

The menu bar is an essential element of any website and plays a vital role in guiding users to different site sections. We aimed to create a responsive and visually appealing menu bar to enhance the user experience.

Development Process

To achieve our objective, we followed a structured development process. We first created wireframes to visualize the layout of the menu bar. We then used React, a popular JavaScript library, to develop the menu bar's components.

The HTML and CSS were used to style the menu bar and make it visually appealing. Using HTML5 and CSS3 allowed us to create a modern, responsive design that would adapt to different screen sizes and devices.

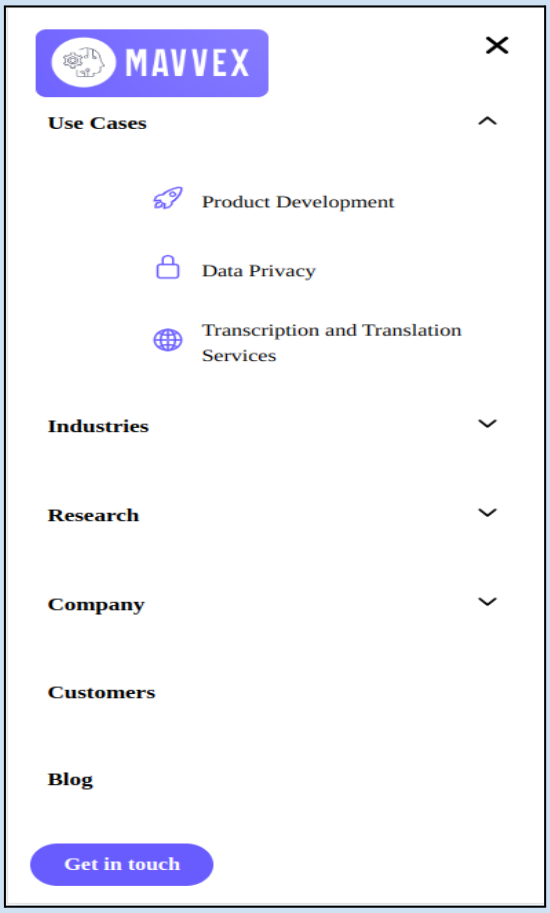
We used JavaScript to add functionality to the menu bar. For example, we implemented dropdown menus allowing users to navigate different site sections. We also used JavaScript to add animations and other interactive elements to the menu bar, enhancing the user experience.

Testing

To ensure that the menu bar met our objectives, we conducted rigorous testing. We tested the menu bar's functionality, responsiveness, and usability on different devices and screen sizes. We also tested the menu bar's performance to ensure it was fast and efficient.

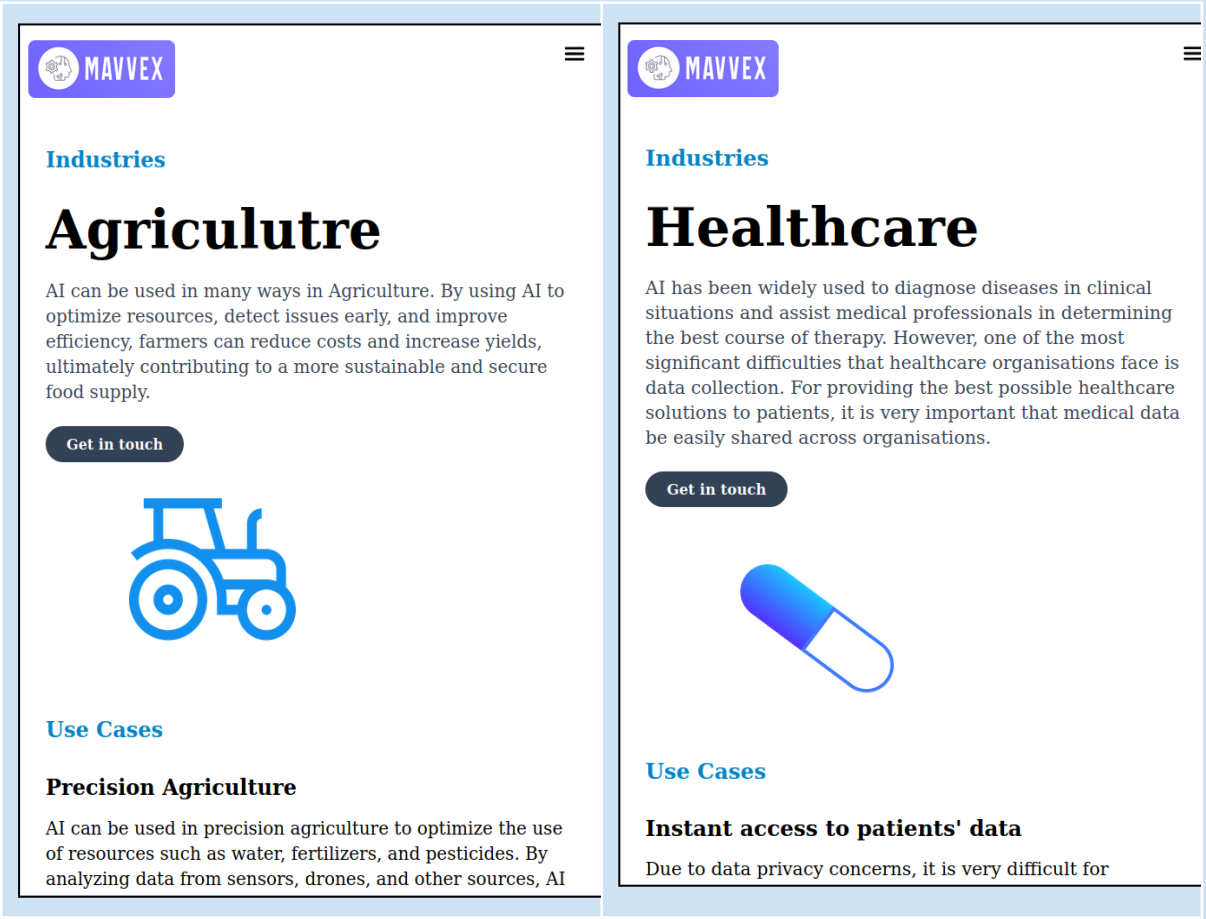
In conclusion, developing the menu bar using React, JavaScript, HTML, and CSS was a challenging but rewarding experience. We followed a structured development process, and using these technologies allowed us to create a responsive and visually appealing menu bar that enhanced the user experience. The rigorous testing we conducted ensured that the menu bar met our objectives and performed well on different devices and screen sizes. We believe that our menu bar will effectively guide users to different sections of the site and improve the overall usability of the website.

Here are some of the pictures showing the same:



Task 4: Home Page

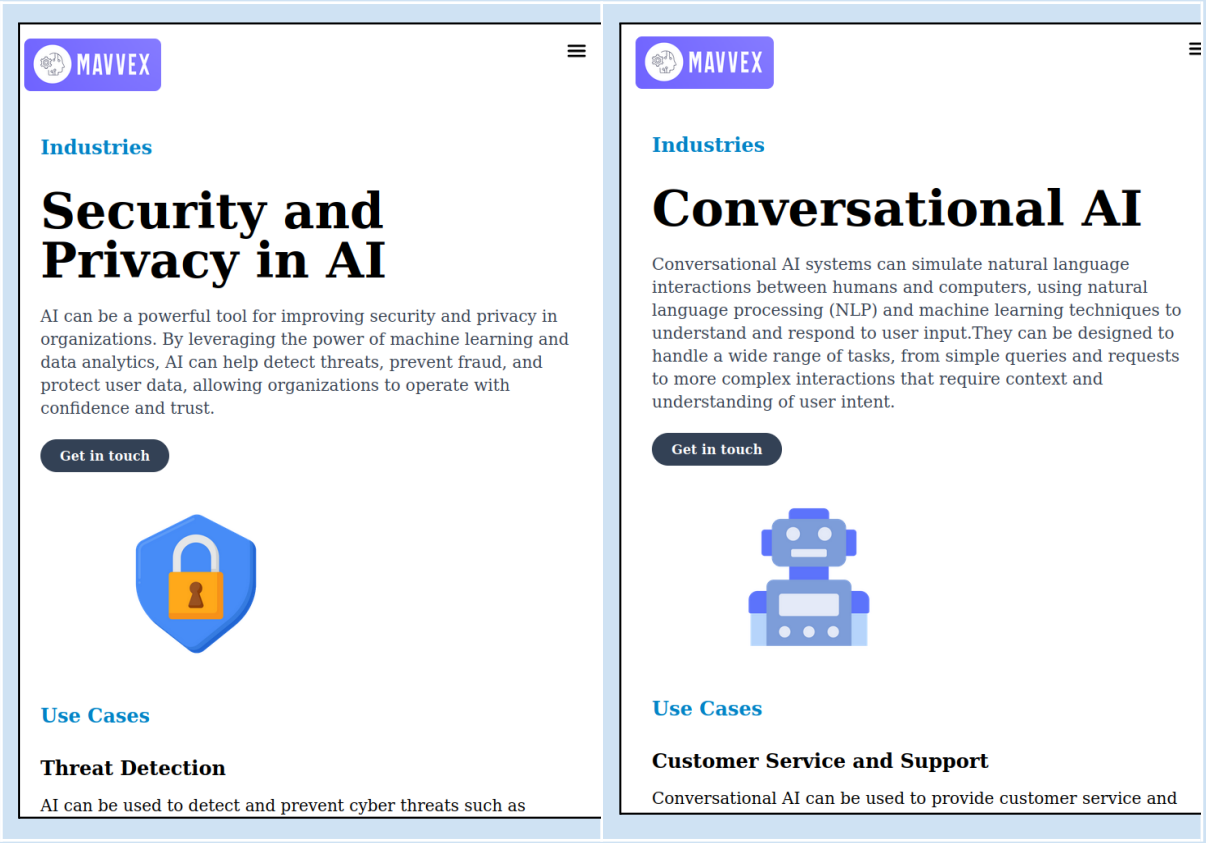
A responsive website is designed to adapt to different screen sizes and devices, providing users with an optimal viewing experience. Our goal was to create website pages that were visually appealing and easy to navigate, while also being responsive to different screen sizes.



To achieve our objective, we followed a structured development process. We first created wireframes to visualize the layout of the website pages. We then used HTML and CSS to develop the website pages.

To ensure that our website was responsive, we used various techniques, such as fluid layouts, flexible images, and media queries. These techniques allowed us to create website pages that adapt to different screen sizes and devices, from mobile phones to large desktop monitors.

We used React to design the website. To make the website responsive, we used tailwind css which gives you a smaller CSS file size. Styling your web application with pure CSS requires you to write more CSS as you add more features and components to your web app. To use icons in the website, use ionicons which will dynamically load an SVG for each icon, so your app is only requesting the icons that you need.



We also used JavaScript to add interactivity and functionality to the website pages. For example, we added animations, hover effects, and dropdown menus to enhance the user experience.

Testing

To ensure that the website pages were responsive and met our objectives, we conducted rigorous testing. We tested the website pages on different devices and screen sizes, including desktop computers, laptops, tablets, and mobile phones. We also tested the website pages for performance, usability, and accessibility.

Conclusion

In conclusion, We followed a structured development process and used various techniques to create website pages that were visually appealing, easy to navigate, and responsive to different screen sizes. Using HTML, CSS, and JavaScript allowed us to create website pages with interactivity and functionality, enhancing the user experience. The rigorous testing we conducted ensured that the website pages were responsive, performed well, and met our objectives. We believe that our website pages will effectively reach and engage our target audience, regardless of their device.

Task 5: Footer

The footer is an essential element of any website, and it plays a crucial role in providing important information and links to the users. We aimed to create a footer that would adapt to different screen sizes and devices, enhancing the user experience.

Design Process

To achieve our objective, we followed a structured design process. We first created wireframes to visualize the layout of the footer. We then used HTML and CSS to develop the footer's components.

Using HTML5 and CSS3 allowed us to create a modern, responsive design that would adapt to different screen sizes and devices. We used media queries and other responsive design techniques to ensure the footer looked great on desktops, laptops, tablets, and mobile devices. We used React to design the website.

To make the website responsive, we used tailwind css which gives you a smaller CSS file size. Styling your web application with pure CSS requires you to write more CSS as you add more features and components to your web app. To use icons in the website, use ionicons which will dynamically load an SVG for each icon, so your app is only requesting the icons that you need.

We also used JavaScript to add functionality to the footer, such as hover effects, animations, and other interactive elements. The JavaScript code was optimized to ensure it didn't affect the website's performance.

Testing

To ensure that the footer met our objectives, we conducted rigorous testing. We tested the footer's functionality, responsiveness, and usability on different devices and screen sizes. We also tested the footer's performance to ensure it loaded quickly and efficiently.

USE CASES

Deep Tech Product Development
Data Privacy in ML Model
Language Transcription & Translation

RESEARCH

Publications
Research Team

INDUSTRIES

Healthcare
Retail
Agriculture
Conversational AI
Security and Privacy in AI

COMPANY

About us
Contact us
Careers
Customers
Blog

admin@mavvexlabs.com
1197 Sainik Colony Sector 49, Faridabad HR - 121001, India

Terms · Privacy Policy

USE CASES
Deep Tech Product Development
Data Privacy in ML Model
Language Transcription & Translation

RESEARCH
Publications
Research Team

INDUSTRIES
Healthcare
Retail
Agriculture
Conversational AI
Security and Privacy in AI

COMPANY
About us
Contact us
Careers
Customers
Blog

admin@mavvexlabs.com
1197 Sainik Colony Sector 49, Faridabad HR - 121001, India

Terms · Privacy Policy
© 2023 Copyright Apply. All rights reserved.

Task 6: Contact Us

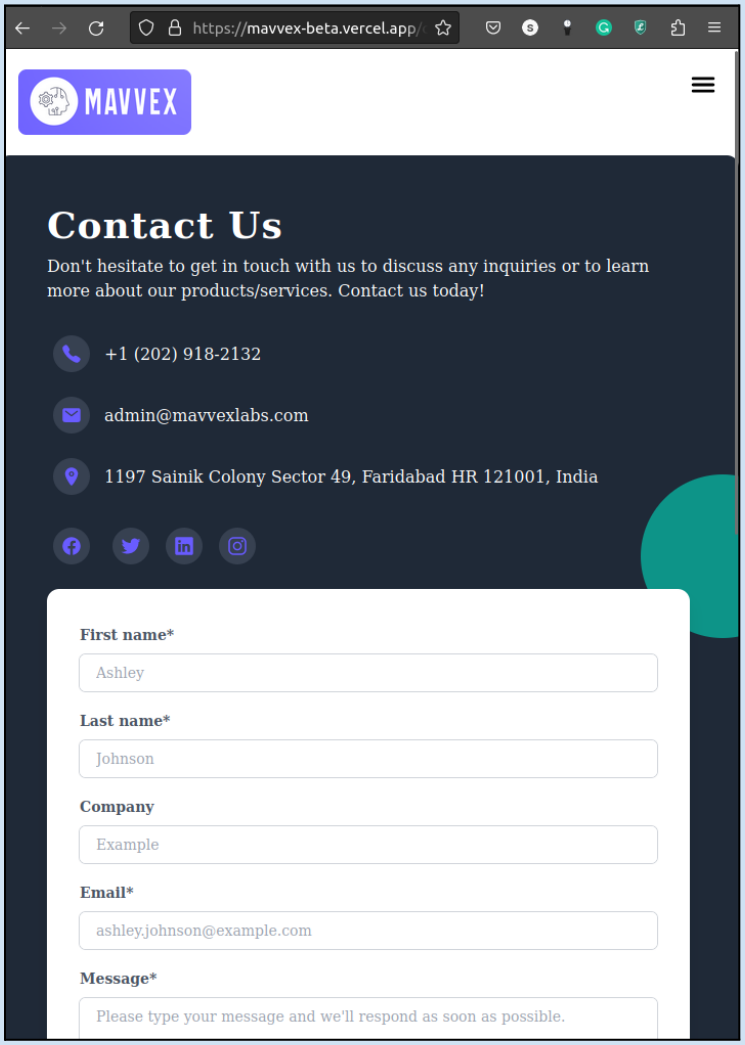
A contact us form is a critical element of any website, allowing users to contact the website owners or administrators. Our objective was to create a contact us form that is responsive, user-friendly, and visually appealing across all devices and screen sizes.

Design Process

To achieve our objective, we followed a structured design process. We began by creating wireframes to visualize the layout of the form. We then designed the form using HTML and CSS to make it visually appealing and user-friendly. Using HTML5 and CSS3 allowed us to create a modern, responsive design that would adapt to different screen sizes and devices. We incorporated input fields for the user to enter their name, email address, and message. We also added validation to ensure that the user enters valid information. Additionally, we included a submit button to allow users to submit their forms. We used React to design the website. To make the website responsive, we used tailwind css which gives you a smaller CSS file size. Styling your web application with pure CSS requires you to write more CSS as you add more features and components to your web app. To use icons in the website, use ionicons which will dynamically load an SVG for each icon, so your app is only requesting the icons that you need.

Testing

To ensure that the contact us form met our objectives, we conducted rigorous testing. We tested the form's functionality, responsiveness, and usability on different devices and screen sizes. We also tested the form's performance to ensure it was fast and efficient. We used various tools to test the form, including browser developer tools, online testing platforms, and manual testing. Using these tools allowed us to identify and fix any issues and ensure that the form was of the highest quality.


https://mavvex-beta.vercel.app/
MAVVEX
Contact Us
Don't hesitate to get in touch with us to discuss any inquiries or to learn more about our products/services. Contact us today!
+1 (202) 918-2132
admin@mavvexlabs.com
1197 Sainik Colony Sector 49, Faridabad HR 121001, India
First name*
Ashley
Last name*
Johnson
Company
Example
Email*
ashley.johnson@example.com
Message*
Please type your message and we'll respond as soon as possible.


https://mavvex-beta.vercel.a
MAVVEX
Our Mission
Our mission is to empower businesses and organizations to harness the full potential of artificial intelligence to solve complex problems and drive innovation. Through our consultancy services, we work closely with our clients to understand their unique challenges and design customized solutions that leverage the latest AI technologies and best practices.
In addition to our consultancy services, we also develop cutting-edge AI-based products that help our clients stay ahead of the curve. Whether it's through developing intelligent chatbots, predictive analytics models, or computer vision systems, our team of AI experts is dedicated to delivering innovative solutions that drive real business value.
Ultimately, our goal is to be a trusted partner for businesses and organizations looking to unlock the full potential of AI. We believe that by leveraging the power of AI, we can help our clients solve complex problems, gain valuable insights, and drive growth and innovation in today's rapidly evolving digital landscape.

Final Conclusion

In conclusion, the process of creating a website using React JS and Tailwind CSS was a valuable learning experience. We discovered that React JS allowed for faster and more efficient development, enabling us to create a responsive and interactive user interface. Tailwind CSS provided a comprehensive set of design tools that allowed us to create a visually appealing and consistent design language.

Moreover, creating logos and animations using web technologies such as HTML, CSS, and JavaScript was also a rewarding experience. It allowed us to explore different design concepts and use the latest web technologies to bring our ideas to life. By incorporating feedback and iterating on our designs, we were able to create logos and animations that met our objectives.

Throughout the process, we also learned the importance of testing and optimizing our designs to ensure optimal performance and user experience. Conducting thorough testing on different devices and screen sizes allowed us to identify and fix any issues, resulting in a seamless and user-friendly experience for the end-user.

Overall, the process of creating a website using React JS and Tailwind CSS, as well as designing logos and animations using web technologies, was an exciting and educational experience. It highlighted the importance of using the latest tools and technologies to create engaging and responsive web experiences while also prioritizing usability and user experience.

References

- React Getting Started
- Tailwind Documentation
- Ionicons