

# MitrEdu -



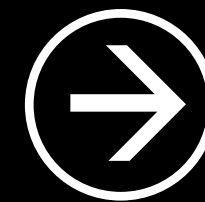
## An Interactive Learning Platform

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# Problem Statement

MitrEdu is an online learning platform designed to facilitate student learning, practice, and progress tracking. The platform includes features such as:

- **User Authentication:** Secure login and registration using Firebase Authentication.
- **Student Dashboard:** Personalized dashboard displaying enrolled courses and progress within each course, and performance metrics.
- **Quizzes:** Interactive quizzes to test knowledge and track learning outcomes.
- **Progress Tracking:** Visual representation of learning progress and achievements.



# React Topics Covered

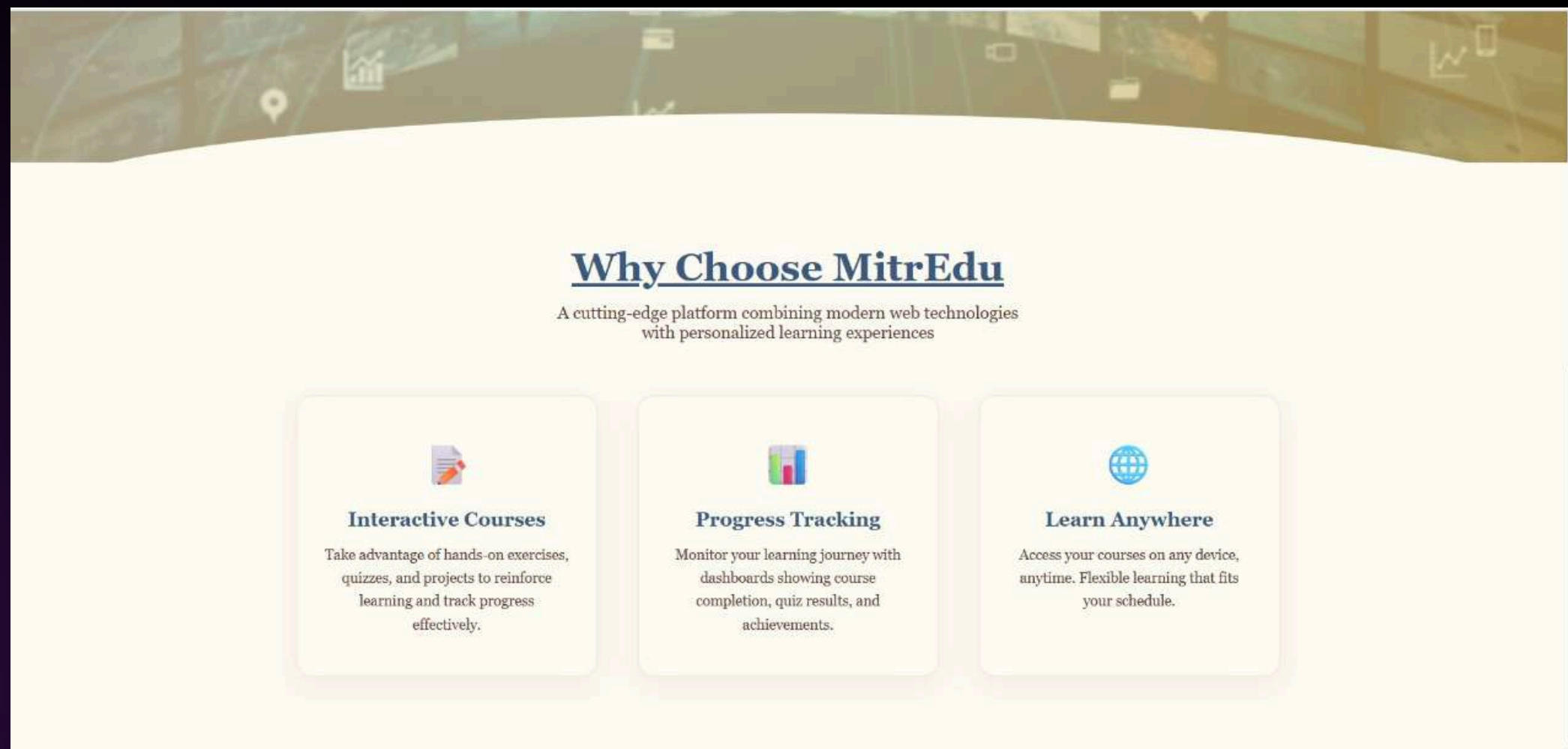
- **Functional Components** – Building reusable UI elements for different parts of the application.
- **Hooks** – Implementing useState for state management and useEffect for side effects and data fetching.
- **Routing** – Enabling navigation between different pages of the application.
- **Form Handling** – Using controlled components for handling user inputs in forms.
- **Event Handling** – Capturing user interactions like button clicks, form submissions.
- **Conditional Rendering** – Displaying content dynamically based on user actions or status.





# Output

## Home page



# Login

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## Welcome to Mitredu

Login to continue your learning journey

### Log In

Enter your credentials to access your account

Email Address

Password

[Log In](#)

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



# Sign up

**MitrEdu**[Courses](#)[Dashboard](#)[Quiz](#)[Login](#)[Sign Up](#)

## Join Mitredu

Create an account to start your learning journey

### Sign Up

Fill in your details to create an account

Full Name

Email Address

Password

Confirm Password

[Sign Up](#)

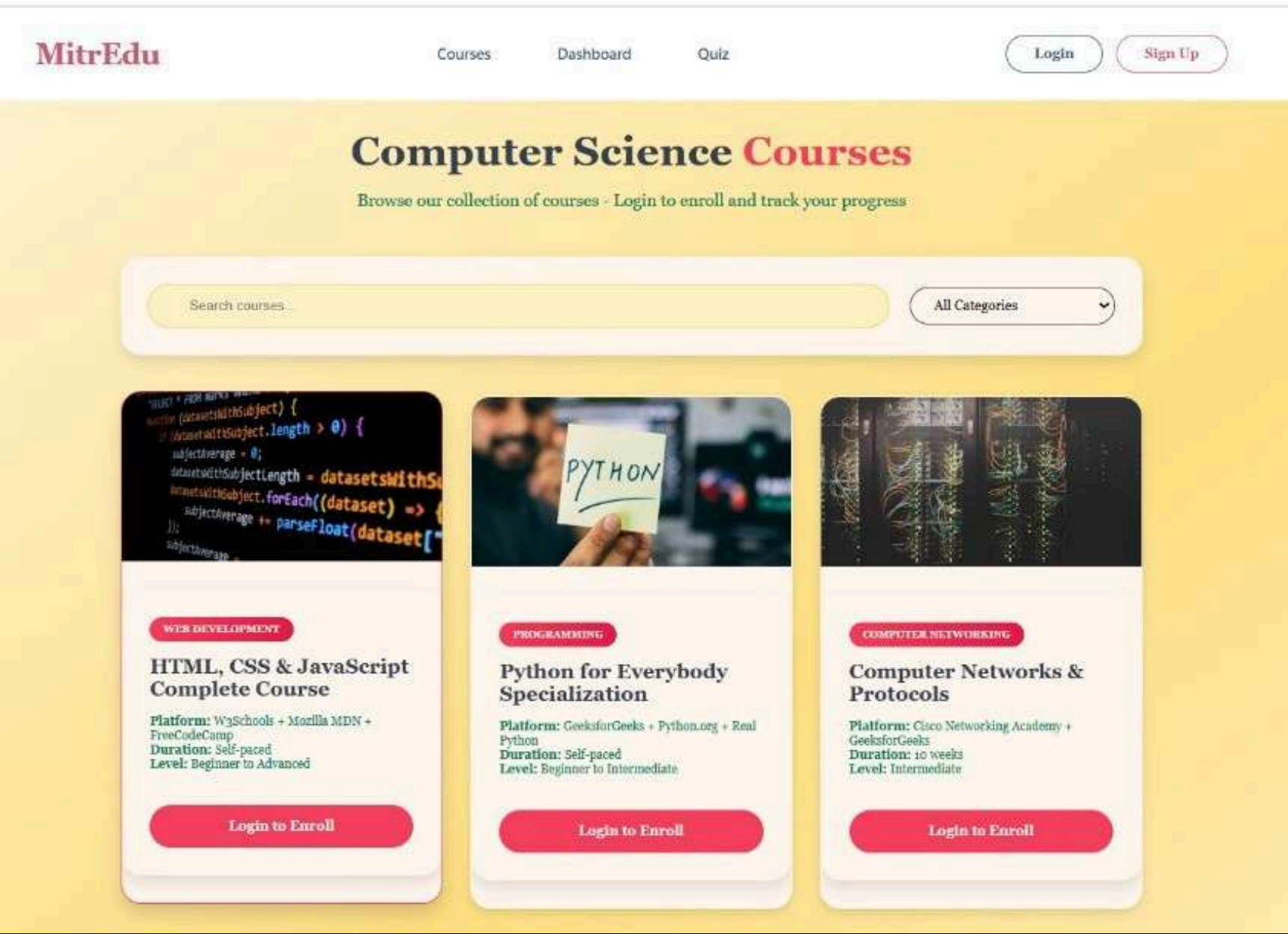
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Already have an account? [Log In](#)





# Courses



Before login

After login





✓ Enrolled

Programming

# Python for Everybody Specialization

Learn Python programming from scratch. Perfect for beginners who want to start their programming journey.

Platform:	Duration:	Level:	Lessons:
GeeksforGeeks + Python.org + Real Python	Self-paced	Beginner to Intermediate	8

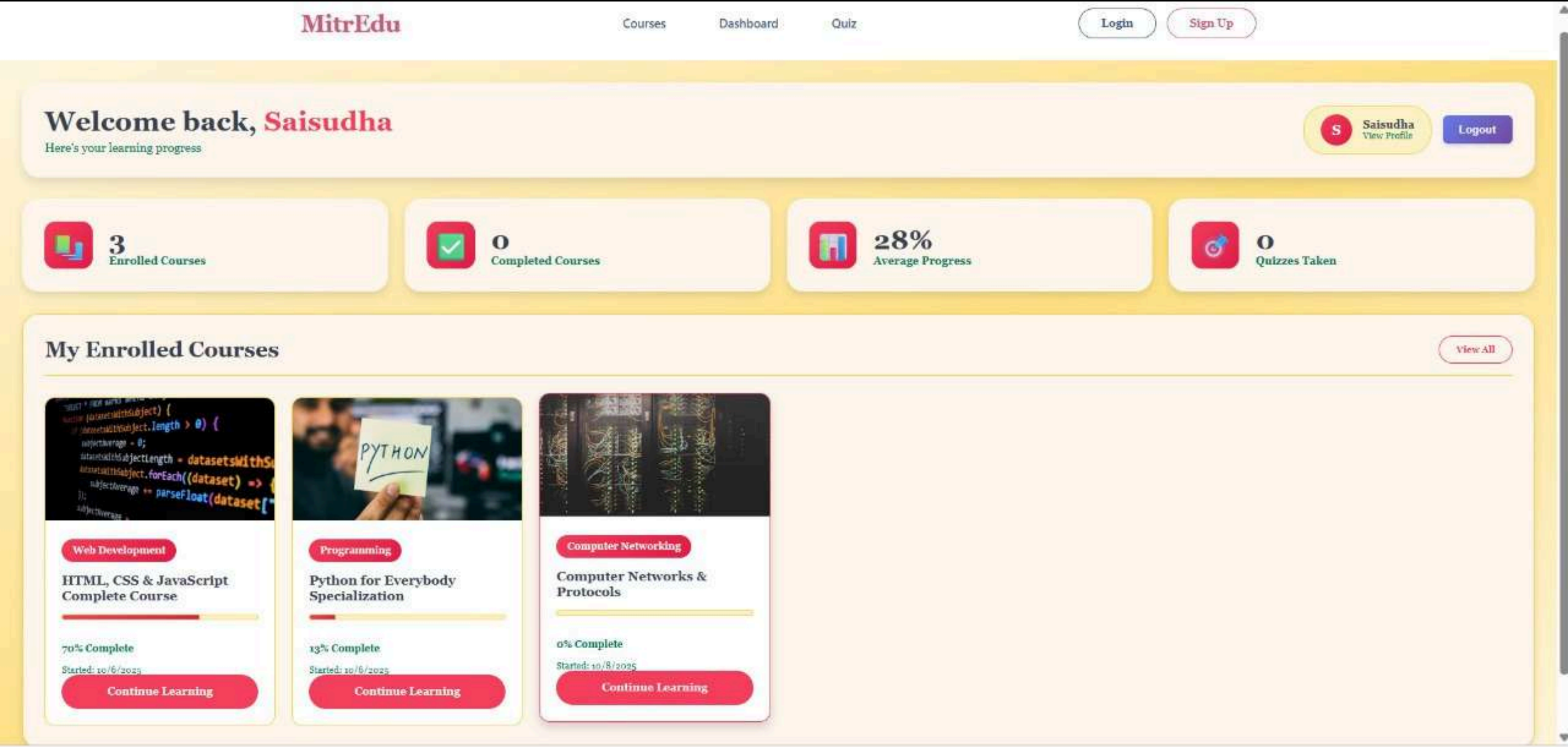


## Course Curriculum

✓	1	Python Installation and Setup	20 mins	✓
✓	2	Variables and Data Types	40 mins	✓
	3	Control Flow and Loops	50 mins	▶
	4	Functions and Modules	60 mins	▶
	5	Data Structures	70 mins	▶
	6	File Handling	45 mins	▶
	7	Object-Oriented Programming	80 mins	▶
	8	Error Handling	35 mins	▶



# Dashboard



# Quiz

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Try out Quizzes

Test your knowledge with our collection of programming and technology quizzes

Search quizzes...

All Categories

WEB DEVELOPMENT

HTML, CSS & JavaScript Quiz

Questions: 10  
Duration: 8 minutes  
Level: Beginner to Advanced

Test your knowledge of fundamental web technologies including HTML markup, CSS styling, and JavaScript programming.

Start Quiz

WEB DEVELOPMENT

React.js Quiz

Questions: 10  
Duration: 8 minutes  
Level: Intermediate

Evaluate your understanding of React concepts including components, hooks, state management, and JSX.

Start Quiz

PROGRAMMING

Python Programming Quiz

Questions: 10  
Duration: 8 minutes  
Level: Beginner to Intermediate

Challenge yourself with Python fundamentals including data types, functions, and object-oriented programming.

Start Quiz

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HTML, CSS & JavaScript Quiz

7:55

Question 1 of 10

What does HTML stand for?

Hyper Text Markup Language

Home Tool Markup Language

Hyperlinks and Text Markup Language

Hyper Text Making Language

Previous

1 / 10

Next

Question Overview:

1

2

3

4

5

6

7

8

9

10

Green: Answered | Blue: Current | Gray: Unanswered

Quiz Results

HTML, CSS & JavaScript Quiz

Score: 8/10 (80%)

🎉 Congratulations! You passed!

Question Review:

Question 1: What does HTML stand for?  
Your answer: Hyper Text Markup Language  
Correct answer: Hyper Text Markup Language

Question 2: CSS Grid and Flexbox cannot be used together in the same layout.  
Your answer: False  
Correct answer: False

Question 3: Which method is used to add an element to the end of an array in JavaScript?  
Your answer: push()  
Correct answer: push()

Question 4: Which tag is used to create a hyperlink in HTML?  
Your answer: <a>  
Correct answer: <a>

Question 5: In CSS, #id is used to select an element by its ID.  
Your answer: True  
Correct answer: True

Question 3: Which method is used to add an element to the end of an array in JavaScript?  
Your answer: push()  
Correct answer: push()

Question 4: Which tag is used to create a hyperlink in HTML?  
Your answer: <a>  
Correct answer: <a>

Question 5: In CSS, #id is used to select an element by its ID.  
Your answer: True  
Correct answer: True

Question 6: Which JavaScript keyword is used to declare a constant?  
Your answer: const  
Correct answer: const

Question 7: Which HTML tag is used to display an image?  
Your answer: <img>  
Correct answer: <img>

Question 8: Inline CSS has higher priority than external CSS.  
Your answer: False  
Correct answer: True

Question 9: Which JavaScript function is used to parse a JSON string?  
Your answer: JSON.parse()  
Correct answer: JSON.parse()

Question 10: Which attribute is used in HTML to specify inline styles?  
Your answer: id  
Correct answer: style

Take Another Quiz

Retake This Quiz



# Learning Outcomes

- **React Development:** Gained proficiency in building single-page applications using React.
- **State Management:** Learned effective state management techniques using React Hooks.
- **Firebase Integration:** Acquired experience in integrating Firebase services for authentication and real-time data handling.
- **UI/UX Design:** Enhanced skills in designing user-friendly interfaces with a focus on user experience.
- **Version Control:** Improved understanding of version control practices using Git and GitHub.
- **Problem-Solving:** Developed problem-solving skills through debugging and optimizing application performance.



**Thank You!**