**Edu Amaan - Your Gateway to IT Learning**

**Table of Contents**

**Introduction**

Welcome to Edu Amaan, an online educational platform built to help learners develop skills in various IT fields. Whether you're just starting or already have some experience, our platform offers structured courses that make learning easy, engaging, and interactive.

We cover a wide range of topics, including:

* **Data Science** – Learn how to work with data, analyze trends, and build machine learning models.
* **Backend Development** – Understand how servers, databases, and APIs work together.
* **Frontend Development** – Create user-friendly and visually appealing websites.
* **Pentesting (Penetration Testing)** – Dive into cybersecurity and ethical hacking.
* **Artificial Intelligence (AI)** – Discover the power of machine learning and AI applications.
* **Full Stack Development** – Become a well-rounded developer by mastering both frontend and backend.
* **Cybersecurity** – Learn how to protect systems, networks, and sensitive information.

Our goal is to provide a smooth and effective learning experience so you can gain practical knowledge and apply it in real-world scenarios.

**Key Features**

**Stay Inspired with Motivational Quotes**

We know learning can be challenging, so we’ve included motivational quotes from successful tech leaders and innovators to keep you going.

**Meet Your Instructors**

Before starting a course, you’ll get an introduction to the instructor so you know who’s guiding you through the lessons.

**Stay Updated with IT News**

At the bottom of the homepage, you’ll find a section dedicated to the latest updates in the tech world.

**User Authentication – Secure & Easy Access**

* If you’re new, sign up and create an account to access the platform.
* Already registered? Simply log in and continue where you left off.
* Your personal account allows you to enroll in courses, track progress, and view rankings.

**Course Enrollment & Learning**

* Each course has a brief description so you know what to expect.
* Once enrolled, you’ll get access to structured video lessons that guide you step by step.
* You can pause, resume, and go back to previous lessons anytime.

**Track Your Progress & Stay Organized**

* After completing a lesson, click “Mark Complete” to keep track of what you’ve learned.
* This feature ensures you never lose track of your progress.

**Search Bar – Find Courses Quickly**

Looking for something specific? Our search feature lets you type in a course name and find it instantly.

**Ranking System – See How You Stack Up**

Our ranking system allows you to track your learning progress and compare it with others.

**Dark & Light Mode – Learn Your Way**

* Prefer a dark theme? Switch to Dark Mode for a more comfortable experience.
* Like a brighter interface? Stick with Light Mode.

**Technologies Used**

Edu Amaan is a frontend-only project, focusing entirely on the visual and interactive parts of the platform. Here’s what we used:

* **HTML** – Defines the structure of the website.
* **CSS** – Styles the pages to make them visually appealing and responsive.
* **JavaScript** – Adds interactivity, such as search functionality, progress tracking, and dark/light mode switching.

**How We Built It (Development Process)**

**1. Planning & Design**

Before writing any code, we planned out:

* The core features that would make learning easy and engaging.
* How the user interface (UI) should look for smooth navigation.
* The best way to ensure a simple yet effective user experience (UX).

**2. Frontend Development**

We then started coding, focusing on:

* Creating the HTML structure for the pages.
* Designing with CSS to ensure a professional look and feel.
* Using JavaScript to add interactivity, such as search functionality, theme switching, and progress tracking.

**3. Implementing Dark & Light Mode**

* We used CSS variables and JavaScript to allow users to switch between themes.
* The theme choice is saved, so users don’t have to switch it every time they visit the site.

**4. Testing & Optimization**

* We tested across different browsers and devices to make sure everything worked smoothly.
* We optimized the design and performance to ensure fast loading times.

**5. Deployment**

* The project was hosted on GitHub Pages, making it accessible to everyone.

**How to Use Edu Amaan**

1. Create an account or log in to access courses.
2. Browse the available courses and enroll in the ones that interest you.
3. Start learning by watching video lessons at your own pace.
4. Mark lessons as complete to keep track of your progress.
5. Use the search bar to quickly find courses.
6. Switch between Dark & Light Mode based on your preference.
7. Check your ranking to see how you compare with others.

**Final Thoughts**

Edu Amaan is designed to make online learning simple, engaging, and effective. Whether you’re learning coding, cybersecurity, AI, or pentesting, our platform helps you stay organized, motivated, and on track with your goals.

We believe learning should be interactive, structured, and enjoyable, and that’s exactly what Edu Amaan offers.

**Ready to start learning? Join Edu Amaan today!**